

DIVISION D—ENERGY AND WATER DEVELOPMENT AND RELATED AGENCIES  
APPROPRIATIONS ACT, 2018

The following statement to the House of Representatives and the Senate is submitted in explanation of the agreed upon Act making appropriations for energy and water development for the fiscal year ending September 30, 2018, and for other purposes.

This explanatory statement, while repeating some report language for emphasis, does not intend to negate the language and allocations set forth in House Report 115–230 and Senate Report 115–132 and that direction shall be complied with unless specifically addressed to the contrary in the accompanying bill or explanatory statement. Additionally, where this explanatory statement states that the “agreement only includes” or “the following is the only” direction, any direction included in the House or Senate report on that matter shall be considered as replaced with the direction provided within this explanatory statement. In cases where the House or the Senate has directed the submission of a report, such report is to be submitted to the Committees on Appropriations of both Houses of Congress. House or Senate reporting requirements with deadlines prior to or within 15 days of the enactment of this Act shall be submitted no later than 60 days after the enactment of this Act. All other reporting deadlines not changed by this explanatory statement are to be met.

Funds for the individual programs and activities within the accounts in this Act are displayed in the detailed table at the end of the explanatory statement for this Act. Funding levels that are not displayed in the detailed table are identified in this explanatory statement.

In fiscal year 2018, for purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99–177), the following information provides the definition of the term “program, project, or activity” for departments and agencies under the jurisdiction of the Energy and Water Development Appropriations Act. The term “program, project, or activity” shall include the most specific level of budget items identified in the Energy and Water Development Appropriations Act, 2018 and the explanatory statement accompanying the Act.

*National Ocean Policy.*—No specific funding was provided in fiscal year 2017 and none was requested by any agencies funded in this Act in fiscal year 2018 to implement the National Ocean Policy. Consequently, no specific funds for National Ocean Policy activities are included for any agency funded in this Act.

*Dam Removal.*—No specific funding was provided in fiscal year 2017 and none was requested by any agencies funded in this Act in fiscal year 2018 for the purpose of removing a federally owned or operated dam without prior authorization by Congress. Consequently, no specific funds for unauthorized federal dam removal are included for any agency funded in this Act.

TITLE I—CORPS OF ENGINEERS—CIVIL  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS—CIVIL

The summary tables included in this title set forth the dispositions with respect to the individual appropriations, projects, and activities of the Corps of Engineers. Additional items of the Act are discussed below.

Recent statutory changes regarding the Inland Waterways Trust Fund (IWTF) have resulted in an increase to the size of the capital improvement program that can be supported by the IWTF. The agreement reflects congressional interest in supporting this larger program. The Corps is directed to take the preparatory steps necessary to ensure that new construction projects can be initiated as soon as can be supported under the larger capital program (i.e., as ongoing projects approach completion).

Concerns persist that the effort to update the Water Resources Principles and Guidelines did not proceed consistent with the language or intent of section 2031 of the Water Resources Development Act of 2007. No funds provided to the Corps of Engineers shall be used to develop or implement rules or guidance to support implementation of the final Principles and Requirements for Federal Investments in Water Resources released in March 2013 or the final Interagency Guidelines released in December 2014. The Corps shall continue to use the document dated March 10, 1983, and entitled “Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies” during the fiscal year period covered by the Energy and Water Development Appropriations Act for 2018.

*Asian Carp.*—In lieu of House and Senate direction, the Secretary of the Army, acting through the Chief of Engineers, shall make every effort to submit to Congress the Report of the Chief of Engineers for the Brandon Road feasibility study according to the original published schedule of February 2019. The Corps is directed to provide quarterly updates to the Committees on Appropriations of both Houses of Congress on the progress and status of efforts to prevent the further spread of Asian carp as well as the location and density of carp populations, including the use of emergency procedures. The Corps shall continue to collaborate with the U.S. Coast Guard, the U.S. Fish and Wildlife Service, the State of Illinois, and members of the Asian Carp Regional Coordinating Committee to identify and evaluate whether navigation protocols would be beneficial or effective in reducing the risk of vessels inadvertently carrying aquatic invasive species, including Asian carp, through the Brandon Road Lock and Dam in Joliet, Illinois. Any findings of such an evaluation shall be included in the quarterly briefings to the Committees. The Corps is further directed to implement protocols shown to be effective at reducing the risk of entrainment without jeopardizing the safety of vessels and crews. The Corps and other federal and state agencies are conducting ongoing research on potential solutions.

*Economic Reevaluation.*—None of the funds provided in this title may be used to require an economic reevaluation of any project authorized under title VIII of the Water Resources Development Act of 2007.

## ADDITIONAL FUNDING

The agreement includes funding in addition to the budget request to ensure continued improvements to our national economy, public safety, and environmental health that result from water resources projects. This funding is for additional work that either was not included in the budget request or was inadequately budgeted. The bill contains a provision requiring the Corps to allocate funds in accordance with only the direction in this agreement. In lieu of all House and Senate report direction – under any heading – regarding additional funding, new starts, and the fiscal year 2018 work plan, the Corps shall follow the direction included in this explanatory statement.

The Corps again is directed to develop rating systems for use in evaluating studies and projects for allocation of the additional funding provided in this title. These evaluation systems may be, but are not required to be, individualized for each account, category, or subcategory. Voluntary funding in excess of legally required cost shares for studies and projects is acceptable, but shall not be used as a criterion for allocating the additional funding provided or for the selection of new starts. Each study and project eligible for funding shall be evaluated under the applicable ratings system. A study or project may not be excluded from evaluation for being “inconsistent with Administration policy.” The Corps retains complete control over the methodology of these rating systems. The executive branch retains complete discretion over project-specific allocation decisions within the additional funds provided, subject to only the direction here and under the heading “Additional Funding” or “Additional Funding for Ongoing Work” within each of the Investigations, Construction, Mississippi River and Tributaries, and Operation and Maintenance accounts.

The Administration is reminded that these funds are in addition to the budget request, and Administration budget metrics shall not be a reason to disqualify a study or project from being funded. It is expected that all of the additional funding provided will be allocated to specific programs, projects, or activities. The focus of the allocation process shall favor the obligation, rather than expenditure, of funds. With the significant backlog of work in the Corps’ inventory, there is no reason for funds provided above the budget request to remain unallocated.

A project or study shall be eligible for additional funding within the Investigations, Construction, and Mississippi River and Tributaries accounts if: (1) it has received funding, other than through a reprogramming, in at least one of the previous three fiscal years; (2) it was previously funded and could reach a significant milestone, complete a discrete element of work, or produce significant outputs in calendar year 2018; or (3) as appropriate, it is selected as one of the new starts allowed in accordance with this Act and the additional direction provided below. Projects with executed Advanced Project Partnership Agreements, or similar agreements, shall be eligible for additional funding provided in this bill. None of the additional funding in any account may be used for any item where funding was specifically denied or for projects in the Continuing Authorities Program. Funds shall be allocated consistent with statutory cost share requirements.

Funding associated with each category may be allocated to any eligible study or project, as appropriate, within that category; funding associated with each subcategory may be allocated only to eligible studies or projects, as appropriate, within that subcategory. The list of subcategories is not meant to be exhaustive. There is concern that the fiscal year 2017 work plan allocated Operation and Maintenance funding to some activities historically funded in the Construction account. Any shift in funding between accounts should be proposed in a budget request and addressed through the appropriations process. Funding levels for accounts and additional funding categories are developed based on assessment of the scope of activities that can be advanced within each account and category. Shifting activities between accounts or categories after these funding level decisions are made is a gross misuse of the flexibility inherent in the work plan process. Since the extent of changes proposed in the fiscal year 2018 budget request is not clear, the Corps shall evaluate all studies and projects only within accounts and categories consistent with previous congressional funding.

*Work Plan.*—Not later than 60 days after the enactment of this Act, the Corps shall provide to the Committees on Appropriations of both Houses of Congress a work plan including the following information: (1) a detailed description of the ratings system(s) developed and used to evaluate studies and projects; (2) delineation of how these funds are to be allocated; (3) a summary of the work to be accomplished with each allocation, including phase of work; and (4) a list of all studies and projects that were considered eligible for funding but did not receive funding, including an explanation of whether the study or project could have used funds in calendar year 2018 and the specific reasons each study or project was considered as being less competitive for an allocation of funds.

*New Starts.*—The agreement includes six new starts in the Investigations account and five new starts in the Construction account to be distributed across the three main mission areas of the Corps. The agreement also includes one new study start in the Mississippi River and Tributaries account to evaluate the need for improvements for flood control, ecosystem restoration, water quality and related purposes associated with storm water runoff and management.

Of the new starts in Investigations, two shall be for navigation studies, one shall be for a flood and storm damage reduction study, two shall be for additional navigation or flood and storm damage reduction studies, and one shall be for an environmental restoration study. Of the new construction starts, one shall be for a navigation project; one shall be for a flood and storm damage reduction project; two shall be for additional navigation or flood and storm damage reduction projects, of which one shall be a coastal storm damage reduction project; and one shall be for an environmental restoration project. Other than the one new study start directed above, no funding shall be used to initiate new programs, projects, or activities in the Mississippi River and Tributaries or Operation and Maintenance accounts.

The Corps is directed to propose a single group of new starts as a part of the work plan. None of the funds may be used for any item for which the agreement has specifically denied funding. The Corps may not change or substitute the new starts selected once the work plan has been provided to the Committees on Appropriations of both Houses of Congress. Each new start shall be funded from the

appropriate additional funding line item. Any project for which the new start requirements are not met by the end of fiscal year 2018 shall be treated as if the project had not been selected as a new start; such a project shall be required to compete again for new start funding in future years. As all new starts are to be chosen by the Corps, all shall be considered of equal importance, and the expectation is that future budget submissions will include appropriate funding for all new starts selected.

There continues to be confusion regarding the executive branch's policies and guidelines regarding which studies and projects require new start designations. Therefore, the Corps is directed to notify the Committees on Appropriations of both Houses of Congress at least 7 days prior to execution of an agreement for construction of any project except environmental infrastructure projects and projects under the Continuing Authorities Program. Additionally, the agreement reiterates and clarifies previous congressional direction as follows. Neither study nor construction activities related to individual projects authorized under section 1037 of the Water Resources Reform and Development Act (WRRDA) of 2014 shall require a new start or new investment decision; these activities shall be considered ongoing work. No new start or new investment decision shall be required when moving from feasibility to preconstruction engineering and design (PED). A new start designation shall be required to initiate construction of individually-authorized projects funded within programmatic line items. No new start or new investment decision shall be required to initiate work on a separable element of a project when construction of one or more separable elements of that project was initiated previously; it shall be considered ongoing work. A new construction start shall not be required for work undertaken to correct a design deficiency on an existing federal project; it shall be considered ongoing work.

In addition to the priority factors used to allocate all additional funding provided in the Investigations account, the Corps should give careful consideration to the out-year budget impacts of the studies selected and to whether there appears to be an identifiable local sponsor that will be ready and able to provide, in a timely manner, the necessary cost share for the feasibility and PED phases. The Corps is reminded that the flood and storm damage reduction mission area can include instances where non-federal sponsors are seeking assistance with flood control and unauthorized discharges from permitted wastewater treatment facilities and that the navigation mission area includes work in remote and subsistence harbor areas.

In addition to the priority factors used to allocate all additional funding provided in the Construction account, the Corps also shall consider the out-year budget impacts of the selected new starts; and the cost sharing sponsor's ability and willingness to promptly provide the cash contribution (if any), as well as required lands, easements, rights-of-way, relocations, and disposal areas. When considering new construction starts, only those that can execute a project cost sharing agreement not later than September 30, 2018, shall be chosen.

To ensure that the new construction starts are affordable and will not unduly delay completion of any ongoing projects, the Secretary is required to submit to the Committees on Appropriations of both Houses of Congress a realistic out-year budget scenario prior to issuing a work allowance for a new start. It

is understood that specific budget decisions are made on an annual basis and that this scenario is neither a request for nor a guarantee of future funding for any project. Nonetheless, this scenario shall include an estimate of annual funding for each new start utilizing a realistic funding scenario through completion of the project, as well as the specific impacts of that estimated funding on the ability of the Corps to make continued progress on each previously funded construction project (including impacts to the optimum timeline and funding requirements of the ongoing projects) and on the ability to consider initiating new projects in the future. The scenario shall assume a Construction account funding level at the average of the past three budget requests.

#### INVESTIGATIONS

The agreement includes \$123,000,000 for Investigations. The agreement includes legislative language regarding parameters for new study starts.

The allocation for projects and activities within the Investigations account is shown in the following table:

~~[INSERT TABLE]~~

Insert 7a-7d

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST FEASIBILITY	FINAL BILL FEASIBILITY
ALABAMA		
VILLAGE CREEK, AL	288	288
ALASKA		
KOTZEBUE SMALL BOAT HARBOR, AK	370	370
LOWELL CREEK TUNNEL FLOOD DIVERSION, AK	950	950
SAINT GEORGE HARBOR IMPROVEMENT, AK	362	362
UNALASKA (DUTCH) HARBOR, AK	950	950
ARIZONA		
LITTLE COLORADO RIVER (WINSLOW), AZ	414	414
LOWER SANTA CRUZ RIVER, AZ	250	250
ARKANSAS		
THREE RIVERS, AR	270	270
CALIFORNIA		
ALISO CREEK MAINSTEM, CA	100	100
CORTE MADERA CREEK, CA	682	682
DRY CREEK (WARM SPRINGS) RESTORATION, CA	260	260
EAST SAN PEDRO BAY ECOSYSTEM RESTORATION, CA	194	194
PORT OF LONG BEACH NAV IMP, CA	327	327
SACRAMENTO RIVER BANK PROTECTION (PHASE 3), CA	482	482
YUBA RIVER FISH PASSAGE, CA	819	819
COMMONWEALTH NORTHERN MARIANAS		
ROTA HARBOR MODIFICATIONS, CNMI	513	---
TINIAN HARBOR MODIFICATIONS, CNMI	514	514
DELAWARE		
DELAWARE INLAND BAYS AND DELAWARE BAY COAST, DE	700	700
GEORGIA		
PROCTOR CREEK, GA	450	---
SWEETWATER CREEK, GA	750	750



CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST FEASIBILITY	FINAL BILL FEASIBILITY
ILLINOIS		
DU PAGE RIVER, IL	300	300
INTERBASIN CONTROL OF GREAT LAKES-MISSISSIPPI RIVER AQUATIC NUISANCE SPECIES, IL, IN, OH & WI	1,850	1,850
IOWA		
GRAND RIVER BASIN, IA & MO	1,000	1,000
MARYLAND		
CITY OF BALTIMORE, MD	200	200
NEW JERSEY		
NEW JERSEY BACK BAYS, NJ	449	449
NEW MEXICO		
ESPANOLA VALLEY, RIO GRANDE AND TRIBUTARIES, NM	65	65
NEW YORK		
HUDSON RIVER HABITAT RESTORATION, NY	800	800
NORTH DAKOTA		
SOURIS RIVER, ND	400	400
OKLAHOMA		
ARKANSAS RIVER CORRIDOR, OK	235	235
OREGON		
COLUMBIA RIVER TREATY 2024 IMPLEMENTATION, OR & WA	9,500	---
PUERTO RICO		
SAN JUAN HARBOR CHANNEL IMPROVEMENT, PR	400	400
RHODE ISLAND		
RHODE ISLAND COASTLINE, RI	300	300

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
	FEASIBILITY	FEASIBILITY
TEXAS		
COASTAL TEXAS PROTECTION AND RESTORATION STUDY, TX	2,175	2,175
GIWW - BRAZOS RIVER FLOODGATES & COLORADO RIVER LOCK, TX	900	900
HOUSTON SHIP CHANNEL, TX	1,500	1,500
JEFFERSON COUNTY SHORE PROTECTION, TX	516	516
MATAGORDA SHIP CHANNEL, TX	800	800
RESACAS AT BROWNSVILLE, TX	251	251
VIRGINIA		
ATLANTIC INTRACOASTAL WATERWAY BRIDGE REPLACEMENT AT NORTH CITY OF NORFOLK, VA	600	600
	700	700
SUBTOTAL, PROJECTS LISTED UNDER STATES	32,586	22,123
REMAINING ITEMS		
ADDITIONAL FUNDING		
FLOOD AND STORM DAMAGE REDUCTION	---	6,500
FLOOD CONTROL	---	5,000
SHORE PROTECTION	---	2,000
NAVIGATION	---	6,607
COASTAL AND DEEP-DRAFT	---	5,000
INLAND	---	5,000
OTHER AUTHORIZED PROJECT PURPOSES	---	3,000
ENVIRONMENTAL RESTORATION OR COMPLIANCE	---	1,500
COORDINATION STUDIES WITH OTHER AGENCIES		
ACCESS TO WATER DATA	360	360
COMMITTEE ON MARINE TRANSPORTATION SYSTEMS	50	50
OTHER COORDINATION PROGRAMS		
COORDINATION WITH OTHER WATER RESOURCE AGENCIES	400	400
INTERAGENCY AND INTERNATIONAL SUPPORT	400	400
INTERAGENCY WATER RESOURCE DEVELOPMENT	100	100
INVENTORY OF DAMS	400	400
SPECIAL INVESTIGATIONS	1,000	1,000
FERC LICENSING	100	100
PLANNING ASSISTANCE TO STATES	5,000	8,000
COLLECTION AND STUDY OF BASIC DATA		
AUTOMATED INFORMATION SYSTEMS SUPPORT TRI-CADD	250	250
COASTAL FIELD DATA COLLECTION	1,000	1,000
ENVIRONMENTAL DATA STUDIES	80	80
FLOOD DAMAGE DATA	230	230
FLOOD PLAIN MANAGEMENT SERVICES	15,000	15,000
HYDROLOGIC STUDIES	500	500
INTERNATIONAL WATER STUDIES	125	125
PRECIPITATION STUDIES	200	200

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST FEASIBILITY	FINAL BILL FEASIBILITY
REMOTE SENSING/GEOGRAPHIC INFORMATION SYSTEM SUPPORT	75	75
SCIENTIFIC AND TECHNICAL INFORMATION CENTERS	50	50
STREAM GAGING	550	550
TRANSPORTATION SYSTEMS	1,000	1,000
RESEARCH AND DEVELOPMENT	16,145	25,000
OTHER - MISCELLANEOUS		
DISPOSITION OF COMPLETED PROJECTS	1,000	1,000
NATIONAL FLOOD RISK MANAGEMENT PROGRAM	5,000	5,000
NATIONAL SHORELINE MANAGEMENT STUDY	400	400
PLANNING SUPPORT PROGRAM	3,500	3,500
TRIBAL PARTNERSHIP PROGRAM	500	1,500
SUBTOTAL, REMAINING ITEMS	53,415	100,877
TOTAL, INVESTIGATIONS	86,001	123,000

*Updated Capability.*—The agreement adjusts some project-specific allocations downward from the budget request based on updated information regarding the amount of work that could be accomplished in fiscal year 2018.

*Passaic River Basin Mainstem, New Jersey.*—Flooding has long been a problem in the Passaic River Basin. The Corps is encouraged to continue to work in coordination with the non-federal sponsor on plans to reduce flooding in the basin, including the reevaluation of the Passaic River Basin Mainstem project. The Corps is directed to brief the Committees on Appropriations of both Houses of Congress not later than 30 days after the enactment of this Act on the current status of this project.

*Peckman River, New Jersey.*—There have been repeated delays with the Peckman River Feasibility Study. The Corps is directed to provide to the Committees on Appropriations of both Houses of Congress quarterly briefings on the current schedule to bring this study to completion, with the first briefing to occur not later than 30 days after the enactment of this Act.

*Rahway River Basin (Upper Basin), New Jersey.*—There have been extended delays with the Rahway River Basin Flood Risk Management Feasibility Study where flooding is of acute concern to the affected communities. The Corps is encouraged to continue to work with the non-federal sponsor on plans to reduce flooding caused by the Rahway River in affected areas. The Corps is directed to provide to the Committees on Appropriations of both House of Congress quarterly briefings on the current schedule to bring this study to completion, with the first briefing to occur not later than 30 days after the enactment of this Act.

*Columbia River Treaty 2024 Implementation, Oregon and Washington.*—The agreement includes funding for this activity in the Operation and Maintenance account, as in previous years.

*Additional Funding.*—The Corps is expected to allocate the additional funding provided in this account primarily to specific feasibility and PED phases, rather than to Remaining Items line items as has been the case in previous work plans. Of the additional funds provided in this account for navigation and coastal and deep draft navigation, the Corps shall allocate not less than \$2,200,000 for the continuation of ongoing General Reevaluation Reports. When allocating the additional funding provided in this account, the Corps shall consider giving priority to completing or accelerating ongoing studies or to initiating new studies that will enhance the nation's economic development, job growth, and international competitiveness; are for projects located in areas that have suffered recent natural disasters; are for projects that protect life and property; or are for projects to address legal requirements. The Corps shall use these funds for additional work in both the feasibility and PED phases. The agreement includes sufficient additional funding to undertake a significant amount of feasibility and PED work. The Administration is reminded that a project study is not complete until the PED phase is complete.

The Corps is reminded that the following activities are eligible to compete for additional funding: development of a hydraulic model that will assist no fewer than five States along a major navigable waterway with making regional strategic flood risk management decisions, the updating of economic analyses, and the updating of economic impact studies.

*Water Resources Priorities Study.*—No funding shall be used for this study.

*Research and Development.*—Within available funds, the Corps shall advance work on activities included in the House and Senate reports.

*SMART Planning.*—The agreement includes the House direction. Additionally, the Corps is reminded of the fiscal year 2016 direction to evaluate each North Atlantic Coast Comprehensive Study focus area to determine the appropriate scope, schedule, and cost, without the initial time and cost limits of the 3x3x3 process. Particularly for comprehensive or regional studies that have significantly larger study areas than typical feasibility studies, it may not be advisable to identify a tentatively selected plan prior to determining whether an exemption from the 3x3x3 process is prudent. Common sense determinations early in the feasibility process can avoid the wasted time and funding inherent in changing course late in the process.

*Section 1143 Study.*—The Corps is encouraged to include in future budget submissions the study of sediment sources authorized in section 1143 of Public Law 114–322.

*Puget Sound.*—In addition to Senate direction, the Corps is reminded that no new start, new investment decision, or new phase decision shall be required to move the Puget Sound Nearshore Ecosystem Restoration Project from feasibility to PED.

#### CONSTRUCTION

The agreement includes \$2,085,000,000 for Construction. The agreement includes legislative language regarding parameters for new construction starts.

The allocation for projects and activities within the Construction account is shown in the following table:

~~[INSERT TABLE]~~

Insert 10a-10c

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
CALIFORNIA		
AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	20,550	20,550
AMERICAN RIVER WATERSHED (FOLSOM DAM RAISE), CA	5,775	5,775
HAMILTON CITY, CA	8,325	8,325
ISABELLA LAKE, CA (DAM SAFETY)	58,000	58,000
SACRAMENTO RIVER BANK PROTECTION PROJECT, CA	2,780	150
SANTA ANA RIVER MAINSTEM, CA	40,000	40,000
YUBA RIVER BASIN, CA	12,400	12,400
FLORIDA		
HERBERT HOOVER DIKE, FL (SEEPAGE CONTROL)	82,000	82,000
SOUTH FLORIDA ECOSYSTEM RESTORATION, FL	76,500	76,500
GEORGIA		
SAVANNAH HARBOR EXPANSION, GA	50,060	50,060
ILLINOIS		
OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	175,000	175,000
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI	33,170	33,170
IOWA		
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD	30,000	30,000
KENTUCKY		
ROUGH RIVER LAKE, KY	25,000	25,000
MARYLAND		
POPLAR ISLAND, MD	36,250	36,250
MASSACHUSETTS		
BOSTON HARBOR DEEP DRAFT IMPROVEMENTS, MA	58,000	58,000
NEW JERSEY		
RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ	20,000	20,000
OREGON		
COLUMBIA RIVER AT THE MOUTH, OR & WA	22,000	11,000

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
PENNSYLVANIA		
EAST BRANCH CLARION RIVER LAKE, PA	50,100	50,100
TENNESSEE		
CENTER HILL LAKE, TN	28,930	28,930
TEXAS		
BUFFALO BAYOU AND TRIBUTARIES, TX	16,500	16,500
WASHINGTON		
COLUMBIA RIVER FISH MITIGATION, WA, OR & ID (CRFM)	70,000	70,000
MUD MOUNTAIN DAM, WA	33,600	33,600
WEST VIRGINIA		
BLUESTONE LAKE, WV	4,425	4,425
SUBTOTAL, PROJECTS LISTED UNDER STATES	959,365	945,735
REMAINING ITEMS		
ADDITIONAL FUNDING		
FLOOD AND STORM DAMAGE REDUCTION	---	180,000
FLOOD CONTROL	---	180,000
SHORE PROTECTION	---	50,000
NAVIGATION	---	337,130
INLAND WATERWAYS TRUST FUND REVENUES	---	112,000
OTHER AUTHORIZED PROJECT PURPOSES	---	70,000
ENVIRONMENTAL RESTORATION OR COMPLIANCE	---	35,000
ENVIRONMENTAL INFRASTRUCTURE	---	70,000
AQUATIC PLANT CONTROL PROGRAM	---	11,000
CONTINUING AUTHORITIES PROGRAM		
AQUATIC ECOSYSTEM RESTORATION (SECTION 206)	6,500	8,000
BENEFICIAL USES DREDGED MATERIAL (SECTION 204)	500	1,500
EMERGENCY STREAMBANK AND SHORELINE PROTECTION (SECTION 14)	---	8,000
FLOOD CONTROL PROJECTS (SECTION 205)	1,000	8,000
MITIGATION OF SHORE DAMAGES (SECTION 111)	---	500
NAVIGATION PROGRAM (SECTION 107)	---	7,500
PROJECT MODIFICATIONS FOR IMPROVEMENT OF THE ENVIRONMENT (SECTION 1135)	1,000	4,000
SHORE PROTECTION (SECTION 103)	---	3,000
DAM SAFETY AND SEEPAGE/STABILITY CORRECTION PROGRAM	34,300	34,300
EMPLOYEES' COMPENSATION	17,000	17,000



CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INLAND WATERWAYS USERS BOARD - BOARD EXPENSE	60	60
INLAND WATERWAYS USERS BOARD - CORPS EXPENSE	275	275
RESTORATION OF ABANDONED MINES	---	2,000
SUBTOTAL, REMAINING ITEMS	60,635	1,139,265
TOTAL, CONSTRUCTION	1,020,000	2,085,000

*Updated Capability.*—The agreement adjusts some project-specific allocations downward from the budget request based on updated information regarding the amount of work that could be accomplished in fiscal year 2018.

*Additional Funding.*—The agreement includes additional funds for projects and activities to enhance the nation's economic growth and international competitiveness. Of the additional funds provided in this account, the Corps shall allocate not less than \$2,850,000 to projects with riverfront development components. Of the additional funding provided in this account for flood and storm damage reduction and flood control, the Corps shall allocate not less than \$5,400,000 to additional nonstructural flood control projects. Of the additional funds provided in this account for flood and storm damage reduction, navigation, and other authorized project purposes, the Corps shall allocate not less than \$15,000,000 to authorized reimbursements for projects with executed project cooperation agreements and that have completed construction or where nonfederal sponsors intend to use the funds for additional water resources development activities. Of the additional funding provided in this account for flood and storm damage reduction and flood control, the Corps shall allocate not less than \$7,000,000 to continue construction of projects that principally include improvements to rainfall drainage systems that address flood damages. Of the additional funding provided for flood and storm damage reduction, flood control, and environmental restoration or compliance, the Corps shall allocate not less than \$1,000,000 for projects for hurricane and storm damage risk reduction and environmental restoration with both structural and nonstructural project elements.

The Corps is reminded that dam safety projects authorized under section 5003 of the Water Resources Development Act of 2007 are eligible to compete for the additional funding provided in this account.

When allocating the additional funding provided in this account, the Corps shall consider eligibility and implementation decisions under Public Law 115–123 so as to maximize the reduction of risk to public safety and infrastructure and the reduction of future damages from floods and storms nationwide. Public Law 115–123 included funding within the Flood Control and Coastal Emergencies account to restore authorized shore protection projects to full project profile. That funding is expected to address most of the current year capability. Therefore, to ensure funding is not directed to where it cannot be used, the agreement includes \$50,000,000 for construction of shore protection projects. The Corps is reminded that if additional work can be done, these projects are also eligible to compete for additional funding for flood and storm damage reduction.

When allocating the additional funding provided in this account, the Corps is encouraged to evaluate authorized reimbursements in the same manner as if the projects were being evaluated for new or ongoing construction and shall consider giving priority to the following:

1. benefits of the funded work to the national economy;
2. extent to which the work will enhance national, regional, or local economic development;
3. number of jobs created directly by the funded activity;

4. ability to obligate the funds allocated within the calendar year, including consideration of the ability of the non-federal sponsor to provide any required cost share;
5. ability to complete the project, separable element, or project phase with the funds allocated;
6. legal requirements, including responsibilities to Tribes;
7. for flood and storm damage reduction projects (including authorized nonstructural measures and periodic beach renourishments),
  - a. population, economic activity, or public infrastructure at risk, as appropriate; and
  - b. the severity of risk of flooding or the frequency with which an area has experienced flooding;
8. for shore protection projects, projects in areas that have suffered severe beach erosion requiring additional sand placement outside of the normal beach renourishment cycle or in which the normal beach renourishment cycle has been delayed;
9. for navigation projects, the number of jobs or level of economic activity to be supported by completion of the project, separable element, or project phase;
10. for projects cost shared with the Inland Waterways Trust Fund (IWTF), the economic impact on the local, regional, and national economy if the project is not funded, as well as discrete elements of work that can be completed within the funding provided in this line item;
11. for other authorized project purposes and environmental restoration or compliance projects, to include the beneficial use of dredged material; and
12. for environmental infrastructure, projects with the greater economic impact, projects in rural communities, projects in communities with significant shoreline and instances of runoff, projects in or that benefit counties or parishes with high poverty rates, projects in financially distressed municipalities, and projects that will provide substantial benefits to water quality improvements.

The agreement provides funds making use of all estimated annual revenues in the IWTF. The Corps shall allocate all funds provided in the IWTF Revenues line item along with the statutory cost share from funds provided in the Navigation line item prior to allocating the remainder of funds in the Navigation line item.

*Aquatic Plant Control Program.*—Of the funding provided for the Aquatic Plant Control Program, \$1,000,000 shall be for activities for the control of the flowering rush. Of the funding provided for the Aquatic Plant Control Program, \$5,000,000 shall be for nationwide research and development to address invasive aquatic plants; within this funding, the Corps is encouraged to support cost shared aquatic plant management programs. Of the funding provided for the Aquatic Plant Control Program, \$5,000,000 shall be for watercraft inspection stations, as authorized by section 1039 of the Water Resources Reform and Development Act of 2014, and related monitoring.

*Continuing Authorities Program (CAP).*—The agreement continues to support all sections of the Continuing Authorities Program. Funding is provided for eight CAP sections at a total of \$40,500,000, an increase of \$31,500,000 above the budget request, which proposed funding for only four sections. This

program provides a useful tool for the Corps to undertake small localized projects without the lengthy study and authorization process typical of larger Corps projects. Within the Continuing Authorities Program and to the extent already authorized by law, the Corps is encouraged to consider projects that enhance coastal and ocean ecosystem resiliency, projects in regions comprised of cities whose historic flooding has been caused predominantly by winter snowmelt and ice floes, and projects that address erosion problems jeopardizing box culvert crossings on public roadways. The management of the Continuing Authorities Program shall continue consistent with direction provided in previous fiscal years.

*Alternative Financing.*—The agreement only includes direction in the Expenses account.

*Oyster Restoration.*—The Corps is encouraged to include funding in future budget submissions for the Chesapeake Bay Oyster Restoration program.

*The Dalles Dam.*—The agreement includes Senate language. Additionally, the Administration is directed to brief the Committees on Appropriations of both Houses of Congress not later than 15 days after enactment of this Act on any decision to require a new start determination or new investment decision for additional work on an ongoing plan, including justification if such a decision has been made.

*McCook Reservoir.*—In addition to the Senate report language, the Corps is encouraged to provide sufficient funding in future budget submissions.

#### MISSISSIPPI RIVER AND TRIBUTARIES

The agreement includes \$425,000,000 for Mississippi River and Tributaries.

The allocation for projects and activities within the Mississippi River and Tributaries account is shown in the following table:

~~[INSERT TABLE]~~

Insert 14a-14b

CORPS OF ENGINEERS - MISSISSIPPI RIVER AND TRIBUTARIES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
CONSTRUCTION		
CHANNEL IMPROVEMENT, AR, IL, KY, LA, MS, MO & TN	80,111	80,111
MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO & TN	25,750	25,750
ATCHAFALAYA BASIN, LA	1,500	1,500
ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA	650	650
OPERATION & MAINTENANCE		
CHANNEL IMPROVEMENT, AR, IL, KY, LA, MS, MO & TN	58,894	58,894
HELENA HARBOR, PHILLIPS COUNTY, AR	915	915
INSPECTION OF COMPLETED WORKS, AR	421	421
LOWER ARKANSAS RIVER, NORTH BANK, AR	235	235
LOWER ARKANSAS RIVER, SOUTH BANK, AR	158	158
MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO & TN	9,917	9,917
ST FRANCIS BASIN, AR & MO	5,900	5,900
TENSAS BASIN, BOEUF AND TENSAS RIVERS, AR & LA	1,987	1,987
WHITE RIVER BACKWATER, AR	900	900
INSPECTION OF COMPLETED WORKS, IL	27	27
INSPECTION OF COMPLETED WORKS, KY	20	20
ATCHAFALAYA BASIN, LA	13,639	13,639
ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA	1,807	1,807
BATON ROUGE HARBOR, DEVIL SWAMP, LA	543	543
BAYOU COCODRIE AND TRIBUTARIES, LA	36	36
BONNET CARRE, LA	1,960	1,960
INSPECTION OF COMPLETED WORKS, LA	725	725
LOWER RED RIVER, SOUTH BANK LEVEES, LA	398	398
MISSISSIPPI DELTA REGION, LA	381	381
OLD RIVER, LA	6,384	6,384
TENSAS BASIN, RED RIVER BACKWATER, LA	2,608	2,608
GREENVILLE HARBOR, MS	1,000	1,000
INSPECTION OF COMPLETED WORKS, MS	180	180
VICKSBURG HARBOR, MS	750	750
YAZOO BASIN, ARKABUTLA LAKE, MS	5,610	5,610
YAZOO BASIN, BIG SUNFLOWER RIVER, MS	135	135
YAZOO BASIN, ENID LAKE, MS	5,145	5,145
YAZOO BASIN, GREENWOOD, MS	644	644
YAZOO BASIN, GRENADA LAKE, MS	4,794	4,794
YAZOO BASIN, MAIN STEM, MS	943	943
YAZOO BASIN, SARDIS LAKE, MS	5,901	5,901
YAZOO BASIN, TRIBUTARIES, MS	773	773
YAZOO BASIN, WILL M WHITTINGTON AUX CHAN, MS	307	307
YAZOO BASIN, YAZOO BACKWATER AREA, MS	369	369
YAZOO BASIN, YAZOO CITY, MS	584	584
INSPECTION OF COMPLETED WORKS, MO	165	165
WAPPAPELLO LAKE, MO	4,206	4,206

CORPS OF ENGINEERS - MISSISSIPPI RIVER AND TRIBUTARIES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INSPECTION OF COMPLETED WORKS, TN	33	33
MEMPHIS HARBOR, MCKELLAR LAKE, TN	1,666	1,666
SUBTOTAL, PROJECTS LISTED UNDER STATES	249,071	249,071
REMAINING ITEMS		
ADDITIONAL FUNDING FOR ONGOING WORK		
DREDGING	---	5,000
FLOOD CONTROL	---	117,090
OTHER AUTHORIZED PROJECT PURPOSES	---	50,000
COLLECTION AND STUDY OF BASIC DATA (INVESTIGATIONS)	2,700	2,700
MAPPING (MAINTENANCE)	1,139	1,139
MISSISSIPPI RIVER COMMISSION	90	---
SUBTOTAL, REMAINING ITEMS	3,929	175,929
TOTAL, MISSISSIPPI RIVER AND TRIBUTARIES	253,000	425,000

*Additional Funding.*—When allocating the additional funding provided in this account, the Corps shall consider giving priority to completing or accelerating ongoing work that will enhance the nation’s economic development, job growth, and international competitiveness, or are for studies or projects located in areas that have suffered recent natural disasters. While this funding is shown under remaining items, the Corps shall use these funds in investigations, construction, and operation and maintenance, as applicable. Of the additional funds provided in this account for flood control, the Corps shall allocate not less than \$11,770,000 for additional flood control construction projects. Of the additional funds provided in this account for other authorized project purposes, the Corps shall allocate not less than \$742,000 for operation and maintenance of facilities that are educational or to continue land management of mitigation features.

*Mississippi River Commission.*—No funding is provided for this new line item. The Corps is directed to continue funding the costs of the commission from within the funds provided for activities within the Mississippi River and Tributaries project.

OPERATION AND MAINTENANCE

The agreement includes \$3,630,000,000 for Operation and Maintenance.

The allocation for projects and activities within the Operation and Maintenance account is shown in the following table:



~~{INSERT TABLE}~~

Insert 16a-16u

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
ALABAMA		
ALABAMA RIVER LAKES, AL	15,392	15,392
BLACK WARRIOR AND TOMBIGBEE RIVERS, AL	27,217	27,217
GULF INTRACOASTAL WATERWAY, AL	6,534	6,534
INSPECTION OF COMPLETED WORKS, AL	210	210
MOBILE HARBOR, AL	24,450	24,450
PROJECT CONDITION SURVEYS, AL	149	149
SCHEDULING RESERVOIR OPERATIONS, AL	83	83
TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL & MS	1,751	1,751
TENNESSEE - TOMBIGBEE WATERWAY, AL & MS	29,499	29,499
WALTER F GEORGE LOCK AND DAM, AL & GA	9,653	9,653
WATER/ENVIRONMENTAL CERTIFICATION, AL	80	80
ALASKA		
ANCHORAGE HARBOR, AK	10,260	7,000
CHENA RIVER LAKES, AK	8,038	8,038
CHIGNIK HARBOR, AK	150	150
DILLINGHAM HARBOR, AK	850	760
DOUGLAS HARBOR, AK	300	300
HOMER HARBOR, AK	600	600
INSPECTION OF COMPLETED WORKS, AK	200	200
NINILCHIK HARBOR, AK	550	550
NOME HARBOR, AK	2,365	1,865
PROJECT CONDITION SURVEYS, AK	750	750
ARIZONA		
ALAMO LAKE, AZ	2,027	2,027
INSPECTION OF COMPLETED WORKS, AZ	85	85
PAINTED ROCK DAM, AZ	1,139	1,139
SCHEDULING RESERVOIR OPERATIONS, AZ	102	102
WHITLOW RANCH DAM, AZ	784	784
ARKANSAS		
BEAVER LAKE, AR	8,907	8,907
BLAKELY MT DAM, LAKE OUACHITA, AR	7,803	7,803
BLUE MOUNTAIN LAKE, AR	1,883	1,883
BULL SHOALS LAKE, AR	11,427	11,427
DEGRAY LAKE, AR	7,060	7,060
DEQUEEN LAKE, AR	1,708	1,708
DIERKS LAKE, AR	1,778	1,778
GILLHAM LAKE, AR	1,527	1,527
GREERS FERRY LAKE, AR	8,016	8,016
HELENA HARBOR, AR	15	15

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INSPECTION OF COMPLETED WORKS, AR	458	458
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	47,467	47,467
MILLWOOD LAKE, AR	7,362	7,362
NARROWS DAM, LAKE GREESON, AR	5,908	5,908
NIMROD LAKE, AR	2,068	2,068
NORFORK LAKE, AR	9,549	9,549
OSCEOLA HARBOR, AR	515	515
OUACHITA AND BLACK RIVERS, AR & LA	10,548	10,548
PROJECT CONDITION SURVEYS, AR	1	1
WHITE RIVER, AR	25	25
YELLOW BEND PORT, AR	115	115

CALIFORNIA

BLACK BUTTE LAKE, CA	2,905	2,905
BUCHANAN DAM, HV EASTMAN LAKE, CA	2,318	2,318
CHANNEL ISLANDS HARBOR, CA	6,400	6,400
COYOTE VALLEY DAM, LAKE MENDOCINO, CA	3,841	3,841
DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	6,470	6,470
FARMINGTON DAM, CA	617	617
HIDDEN DAM, HENSLEY LAKE, CA	2,518	2,518
HUMBOLDT HARBOR AND BAY, CA	5,500	5,500
INSPECTION OF COMPLETED WORKS, CA	3,962	3,962
ISABELLA LAKE, CA	3,538	3,538
LOS ANGELES - LONG BEACH HARBORS, CA	4,470	4,470
LOS ANGELES COUNTY DRAINAGE AREA, CA	17,982	17,982
MERCED COUNTY STREAMS, CA	810	810
MOJAVE RIVER DAM, CA	1,305	1,305
MORRO BAY HARBOR, CA	2,200	2,200
NEW HOGAN LAKE, CA	3,262	3,262
NEW MELONES LAKE, DOWNSTREAM CHANNEL, CA	2,517	2,517
OAKLAND HARBOR (50 FOOT PROJECT), CA	17,993	17,993
OCEANSIDE HARBOR, CA	2,350	2,350
PINE FLAT LAKE, CA	10,075	10,075
PROJECT CONDITION SURVEYS, CA	1,433	1,433
RICHMOND HARBOR, CA	10,800	10,800
SACRAMENTO RIVER (30 FOOT PROJECT), CA	1,200	1,200
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	1,725	1,725
SACRAMENTO RIVER SHALLOW DRAFT CHANNEL, CA	175	175
SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	1,565	1,565
SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY, CA	600	600
SAN FRANCISCO HARBOR AND BAY, CA (DRIFT REMOVAL)	3,500	3,500
SAN FRANCISCO HARBOR, CA	3,700	3,700
SAN JOAQUIN RIVER, PORT OF STOCKTON, CA	3,225	3,225
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	5,075	5,075
SANTA ANA RIVER BASIN, CA	5,579	5,579
SANTA BARBARA HARBOR, CA	3,080	3,080
SCHEDULING RESERVOIR OPERATIONS, CA	1,391	1,391

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SUCCESS LAKE, CA	3,454	3,454
SUISUN BAY CHANNEL, CA	7,800	7,800
TERMINUS DAM, LAKE KAWEAH, CA	5,950	5,950
VENTURA HARBOR, CA	5,163	5,163
YUBA RIVER, CA	1,519	1,519
COLORADO		
BEAR CREEK LAKE, CO	476	476
CHATFIELD LAKE, CO	2,105	1,830
CHERRY CREEK LAKE, CO	1,155	1,155
INSPECTION OF COMPLETED WORKS, CO	352	352
JOHN MARTIN RESERVOIR, CO	9,216	9,216
SCHEDULING RESERVOIR OPERATIONS, CO	646	646
TRINIDAD LAKE, CO	5,155	5,155
CONNECTICUT		
BLACK ROCK LAKE, CT	815	815
COLEBROOK RIVER LAKE, CT	1,237	1,237
GREENWICH HARBOR, CT	300	300
HANCOCK BROOK LAKE, CT	731	731
HOP BROOK LAKE, CT	1,562	1,562
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, CT	10	10
INSPECTION OF COMPLETED WORKS, CT	461	461
MANSFIELD HOLLOW LAKE, CT	1,461	1,461
NORTHFIELD BROOK LAKE, CT	730	730
PATCHOGUE RIVER, CT	400	400
PROJECT CONDITION SURVEYS, CT	850	850
STAMFORD HURRICANE BARRIER, CT	784	784
THOMASTON DAM, CT	1,892	1,892
WEST THOMPSON LAKE, CT	1,033	1,033
DELAWARE		
INSPECTION OF COMPLETED WORKS, DE	65	65
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE & MD	15,585	15,585
PROJECT CONDITION SURVEYS, DE	200	200
WILMINGTON HARBOR, DE	8,085	8,085
DISTRICT OF COLUMBIA		
INSPECTION OF COMPLETED WORKS, DC	76	76
POTOMAC AND ANACOSTIA RIVERS, DC (DRIFT REMOVAL)	875	875
PROJECT CONDITION SURVEYS, DC	25	25
WASHINGTON HARBOR, DC	25	25

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
FLORIDA		
ATLANTIC INTRACOASTAL WATERWAY (AIWW), FL	2,224	2,224
CALOOSAHATCHEE RIVER TO ANCLOTE, FL	52	52
CANAVERAL HARBOR, FL	1,470	1,470
CENTRAL & SOUTHERN FLORIDA, FL	24,858	24,858
ESCAMBIA AND CONECUH RIVERS, FL & AL	55	55
INSPECTION OF COMPLETED WORKS, FL	958	958
INTRACOASTAL WATERWAY, CALOOSAHATCHEE R TO ANCLOTE R, FL	50	50
INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL	3,560	3,560
JACKSONVILLE HARBOR, FL	7,690	7,690
JIM WOODRUFF LOCK AND DAM, LAKE SEMINOLE, FL, AL & GA	6,874	6,874
MANATEE HARBOR, FL	900	900
MIAMI HARBOR, FL	100	100
OKEECHOBEE WATERWAY, FL	2,692	2,692
PALM BEACH HARBOR, FL	4,000	4,000
PANAMA CITY HARBOR, FL	1,890	1,890
PENSACOLA HARBOR, FL	34	34
PORT EVERGLADES HARBOR, FL	420	420
PROJECT CONDITION SURVEYS, FL	1,375	1,375
REMOVAL OF AQUATIC GROWTH, FL	3,259	3,259
SCHEDULING RESERVOIR OPERATIONS, FL	99	99
TAMPA HARBOR, FL	8,290	8,290
WATER/ENVIRONMENTAL CERTIFICATION, FL	170	170
GEORGIA		
ALLATOONA LAKE, GA	10,464	10,464
APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AL & FL	1,845	1,845
ATLANTIC INTRACOASTAL WATERWAY, GA	181	181
BRUNSWICK HARBOR, GA	4,528	4,528
BUFORD DAM AND LAKE SIDNEY LANIER, GA	11,165	11,165
CARTERS DAM AND LAKE, GA	8,587	8,587
HARTWELL LAKE, GA & SC	12,752	12,752
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, GA	15	15
INSPECTION OF COMPLETED WORKS, GA	277	277
J STROM THURMOND LAKE, GA & SC	12,002	12,002
PROJECT CONDITION SURVEYS, GA	100	100
RICHARD B RUSSELL DAM AND LAKE, GA & SC	9,003	9,003
SAVANNAH HARBOR, GA	33,436	33,436
SAVANNAH RIVER BELOW AUGUSTA, GA	137	137
WEST POINT DAM AND LAKE, GA & AL	12,147	12,147
HAWAII		
BARBERS POINT HARBOR, HI	269	269
HILO HARBOR, HI	551	---
INSPECTION OF COMPLETED WORKS, HI	698	698

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NAWILIWILI HARBOR, HI	4,815	4,815
PROJECT CONDITION SURVEYS, HI	752	685
IDAHO		
ALBENI FALLS DAM, ID	1,459	1,459
DWORSHAK DAM AND RESERVOIR, ID	4,795	4,795
INSPECTION OF COMPLETED WORKS, ID	337	337
LUCKY PEAK LAKE, ID	3,698	3,698
SCHEDULING RESERVOIR OPERATIONS, ID	627	627
ILLINOIS		
CALUMET HARBOR AND RIVER, IL & IN	3,808	3,808
CARLYLE LAKE, IL	6,748	6,748
CHICAGO HARBOR, IL	3,020	3,020
CHICAGO RIVER, IL	593	593
CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIER, IL	16,700	16,700
FARM CREEK RESERVOIRS, IL	529	529
ILLINOIS WATERWAY (MVR PORTION), IL & IN	48,384	48,384
ILLINOIS WATERWAY (MVS PORTION), IL & IN	1,958	1,958
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, IL	55	55
INSPECTION OF COMPLETED WORKS, IL	1,654	1,654
KASKASKIA RIVER NAVIGATION, IL	4,889	4,889
LAKE MICHIGAN DIVERSION, IL	1,100	1,100
LAKE SHELBYVILLE, IL	8,835	8,835
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	93,953	93,953
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	43,900	43,900
PROJECT CONDITION SURVEYS, IL	104	104
REND LAKE, IL	7,593	7,593
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	738	738
WAUKEGAN HARBOR, IL	2,000	2,000
INDIANA		
BROOKVILLE LAKE, IN	1,216	1,216
BURNS WATERWAY HARBOR, IN	3,649	3,649
CAGLES MILL LAKE, IN	1,089	1,089
CECIL M HARDEN LAKE, IN	1,047	1,047
INDIANA HARBOR, IN	11,564	11,564
INSPECTION OF COMPLETED WORKS, IN	1,187	1,187
J EDWARD ROUSH LAKE, IN	1,084	1,084
MISSISSINEWA LAKE, IN	1,110	1,110
MONROE LAKE, IN	1,144	1,144
PATOKA LAKE, IN	1,153	1,153
PROJECT CONDITION SURVEYS, IN	185	185

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SALAMONIE LAKE, IN	1,091	1,091
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	149	149
IOWA		
CORALVILLE LAKE, IA	9,915	9,915
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, IA	6	6
INSPECTION OF COMPLETED WORKS, IA	868	868
MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE	8,964	8,964
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD	2,547	2,547
RATHBUN LAKE, IA	2,788	2,788
RED ROCK DAM AND LAKE RED ROCK, IA	7,095	7,095
SAYLORVILLE LAKE, IA	19,223	19,223
KANSAS		
CLINTON LAKE, KS	3,662	3,662
COUNCIL GROVE LAKE, KS	1,743	1,743
EL DORADO LAKE, KS	981	981
ELK CITY LAKE, KS	1,547	1,547
FALL RIVER LAKE, KS	1,619	1,619
HILLSDALE LAKE, KS	1,076	1,076
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, KS	11	11
INSPECTION OF COMPLETED WORKS, KS	1,218	1,218
JOHN REDMOND DAM AND RESERVOIR, KS	1,890	1,890
KANOPOLIS LAKE, KS	3,185	3,185
MARION LAKE, KS	2,251	2,251
MELVERN LAKE, KS	2,714	2,714
MILFORD LAKE, KS	2,367	2,367
PEARSON - SKUBITZ BIG HILL LAKE, KS	3,799	3,799
PERRY LAKE, KS	3,227	3,227
POMONA LAKE, KS	2,871	2,871
SCHEDULING RESERVOIR OPERATIONS, KS	369	369
TORONTO LAKE, KS	926	926
TUTTLE CREEK LAKE, KS	3,975	3,975
WILSON LAKE, KS	1,766	1,766
KENTUCKY		
BARKLEY DAM AND LAKE BARKLEY, KY & TN	12,247	12,247
BARREN RIVER LAKE, KY	3,233	3,233
BIG SANDY HARBOR, KY	1,865	1,865
BUCKHORN LAKE, KY	1,820	1,820
CARR CREEK LAKE, KY	1,850	1,850
CAVE RUN LAKE, KY	962	962
DEWEY LAKE, KY	1,920	1,920
ELVIS STAHR (HICKMAN) HARBOR, KY	915	915
FALLS OF THE OHIO NATIONAL WILDLIFE, KY & IN	43	43

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
FISHTRAP LAKE, KY	2,190	2,190
GRAYSON LAKE, KY	1,972	1,972
GREEN AND BARREN RIVERS, KY	3,420	3,420
GREEN RIVER LAKE, KY	2,917	2,917
INSPECTION OF COMPLETED WORKS, KY	1,271	1,271
KENTUCKY RIVER, KY	10	10
LAUREL RIVER LAKE, KY	2,699	2,699
MARTINS FORK LAKE, KY	1,496	1,496
MIDDLESBORO CUMBERLAND RIVER BASIN, KY	264	264
NOLIN LAKE, KY	2,880	2,880
OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH	47,331	47,331
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN & OH	5,800	5,800
PAINTSVILLE LAKE, KY	1,382	1,382
PROJECT CONDITION SURVEYS, KY	1	1
ROUGH RIVER LAKE, KY	4,300	4,300
TAYLORSVILLE LAKE, KY	1,099	1,099
WOLF CREEK DAM, LAKE CUMBERLAND, KY	11,613	11,613
YATESVILLE LAKE, KY	1,574	1,574

LOUISIANA

ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF & BLACK, LA	6,645	6,645
BARATARIA BAY WATERWAY, LA	100	100
BAYOU BODCAU RESERVOIR, LA	1,512	1,512
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	769	769
BAYOU PIERRE, LA	42	42
BAYOU SEGNETTE WATERWAY, LA	20	20
BAYOU TECHE AND VERMILION RIVER, LA	12	12
BAYOU TECHE, LA	50	50
CADDO LAKE, LA	198	198
CALCASIEU RIVER AND PASS, LA	20,759	20,759
FRESHWATER BAYOU, LA	1,424	1,424
GULF INTRACOASTAL WATERWAY, LA	26,871	26,871
HOUMA NAVIGATION CANAL, LA	979	979
INSPECTION OF COMPLETED WORKS, LA	866	866
J BENNETT JOHNSTON WATERWAY, LA	12,288	12,288
LAKE PROVIDENCE HARBOR, LA	12	12
MADISON PARISH PORT, LA	150	150
MERMENTAU RIVER, LA	1,246	1,246
MISSISSIPPI RIVER OUTLETS AT VENICE, LA	1,449	1,449
MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	83,846	83,846
PROJECT CONDITION SURVEYS, LA	54	54
REMOVAL OF AQUATIC GROWTH, LA	200	200
WALLACE LAKE, LA	213	213
WATERWAY FROM EMPIRE TO THE GULF, LA	8	8
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA	22	22



CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
MAINE		
DISPOSAL AREA MONITORING, ME	1,050	1,050
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, ME	5	5
INSPECTION OF COMPLETED WORKS, ME	95	95
PROJECT CONDITION SURVEYS, ME	1,000	1,000
SACO RIVER, ME	4,200	4,200
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ME	30	30
WELLS HARBOR, ME	400	400
YORK HARBOR, ME	2,500	2,500
MARYLAND		
BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	25,557	25,557
BALTIMORE HARBOR, MD (DRIFT REMOVAL)	325	325
CUMBERLAND, MD AND RIDGELEY, WV	171	171
INSPECTION OF COMPLETED WORKS, MD	196	196
JENNINGS RANDOLPH LAKE, MD & WV	3,700	3,700
KNAPPS NARROWS, MD	2,300	2,300
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	250	250
PROJECT CONDITION SURVEYS, MD	450	450
SCHEDULING RESERVOIR OPERATIONS, MD	78	78
WICOMICO RIVER, MD	2,000	2,000
MASSACHUSETTS		
BARRE FALLS DAM, MA	579	579
BIRCH HILL DAM, MA	841	841
BUFFUMVILLE LAKE, MA	933	933
CAPE COD CANAL, MA	13,753	13,753
CHARLES RIVER NATURAL VALLEY STORAGE AREA, MA	353	353
CONANT BROOK LAKE, MA	495	495
EAST BRIMFIELD LAKE, MA	986	986
HODGES VILLAGE DAM, MA	845	845
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, MA	20	20
INSPECTION OF COMPLETED WORKS, MA	307	307
KNIGHTVILLE DAM, MA	1,054	1,054
LITTLEVILLE LAKE, MA	991	991
NEW BEDFORD FAIRHAVEN AND ACUSHNET HURRICANE BARRIER, MA	1,302	1,302
NEWBURYPORT HARBOR, MA	200	200
PLYMOUTH HARBOR, MA	500	500
PROJECT CONDITION SURVEYS, MA	1,000	1,000
TULLY LAKE, MA	1,145	1,145
WEST HILL DAM, MA	781	781
WESTVILLE LAKE, MA	1,070	1,070

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
<b>MICHIGAN</b>		
CHANNELS IN LAKE ST CLAIR, MI	185	185
DETROIT RIVER, MI	5,344	5,344
GRAND HAVEN HARBOR, MI	1,112	1,112
HOLLAND HARBOR, MI	1,600	1,600
INLAND ROUTE, MI	50	50
INSPECTION OF COMPLETED WORKS, MI	222	222
KEWEENAW WATERWAY, MI	12	12
MANISTEE HARBOR, MI	663	663
MONROE HARBOR, MI	650	650
PROJECT CONDITION SURVEYS, MI	746	746
SAGINAW RIVER, MI	4,044	4,044
SEBEWAING RIVER, MI	54	54
ST CLAIR RIVER, MI	699	699
ST JOSEPH HARBOR, MI	765	765
ST MARYS RIVER, MI	38,440	38,440
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MI	2,912	2,912
<b>MINNESOTA</b>		
BIGSTONE LAKE - WHETSTONE RIVER, MN & SD	290	290
DULUTH - SUPERIOR HARBOR, MN & WI	7,594	7,594
INSPECTION OF COMPLETED WORKS, MN	401	401
LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	1,115	1,115
MINNESOTA RIVER, MN	263	263
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	84,535	84,535
ORWELL LAKE, MN	592	592
PROJECT CONDITION SURVEYS, MN	96	96
RED LAKE RESERVOIR, MN	181	181
RESERVOIRS AT HEADWATERS OF MISSISSIPPI RIVER, MN	4,924	4,924
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	509	509
<b>MISSISSIPPI</b>		
CLAIBORNE COUNTY PORT, MS	1	1
EAST FORK, TOMBIGBEE RIVER, MS	285	285
GULFPORT HARBOR, MS	6,350	6,350
INSPECTION OF COMPLETED WORKS, MS	86	86
MOUTH OF YAZOO RIVER, MS	30	30
OKATIBBEE LAKE, MS	2,095	2,095
PASCAGOULA HARBOR, MS	5,116	5,116
PEARL RIVER, MS & LA	150	150
PROJECT CONDITION SURVEYS, MS	151	151
ROSEDALE HARBOR, MS	8	8
WATER/ENVIRONMENTAL CERTIFICATION, MS	40	40
YAZOO RIVER, MS	19	19

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
MISSOURI		
CARUTHERSVILLE HARBOR, MO	815	815
CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	6,994	6,994
CLEARWATER LAKE, MO	4,348	4,348
HARRY S TRUMAN DAM AND RESERVOIR, MO	19,617	19,617
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, MO	2	2
INSPECTION OF COMPLETED WORKS, MO	1,305	1,305
LITTLE BLUE RIVER LAKES, MO	1,114	1,114
LONG BRANCH LAKE, MO	1,443	1,443
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO & IL	29,948	29,948
NEW MADRID COUNTY HARBOR, MO	10	10
NEW MADRID HARBOR, MO (MILE 889)	15	15
POMME DE TERRE LAKE, MO	3,406	3,406
PROJECT CONDITION SURVEYS, MO	1	1
SCHEDULING RESERVOIR OPERATIONS, MO	169	169
SMITHVILLE LAKE, MO	1,799	1,799
SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	9	9
STOCKTON LAKE, MO	5,754	5,754
TABLE ROCK LAKE, MO & AR	10,354	10,354
MONTANA		
FT PECK DAM AND LAKE, MT	6,035	6,035
INSPECTION OF COMPLETED WORKS, MT	232	232
LIBBY DAM, MT	2,726	2,726
SCHEDULING RESERVOIR OPERATIONS, MT	121	121
NEBRASKA		
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE & SD	11,311	11,196
HARLAN COUNTY LAKE, NE	2,483	2,483
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, NE	3	3
INSPECTION OF COMPLETED WORKS, NE	932	932
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA	96	96
PAPILLION CREEK, NE	1,000	1,000
SALT CREEKS AND TRIBUTARIES, NE	1,546	1,546
NEVADA		
INSPECTION OF COMPLETED WORKS, NV	68	68
MARTIS CREEK LAKE, NV & CA	1,342	1,342
PINE AND MATHEWS CANYONS LAKES, NV	387	387

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NEW HAMPSHIRE		
BLACKWATER DAM, NH	935	935
EDWARD MACDOWELL LAKE, NH	846	846
FRANKLIN FALLS DAM, NH	1,664	1,664
HOPKINTON - EVERETT LAKES, NH	2,149	2,149
INSPECTION OF COMPLETED WORKS, NH	60	60
OTTER BROOK LAKE, NH	1,689	1,689
PROJECT CONDITION SURVEYS, NH	300	300
SURRY MOUNTAIN LAKE, NH	1,191	1,191
NEW JERSEY		
ABSECON INLET, NJ	175	175
BARNEGAT INLET, NJ	450	450
CAPE MAY INLET, NJ	200	200
COLD SPRING INLET, NJ	380	380
DELAWARE RIVER AT CAMDEN, NJ	15	15
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE	27,370	27,370
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, NJ	15	15
INSPECTION OF COMPLETED WORKS, NJ	427	427
MANASQUAN RIVER, NJ	435	435
NEW JERSEY INTRACOASTAL WATERWAY, NJ	980	980
NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	25,300	25,300
PASSAIC RIVER FLOOD WARNING SYSTEMS, NJ	605	605
PROJECT CONDITION SURVEYS, NJ	2,017	2,017
RARITAN RIVER TO ARTHUR KILL CUT-OFF, NJ	100	100
RARITAN RIVER, NJ	220	220
SANDY HOOK BAY AT LEONARD, NJ	10	10
SHARK RIVER, NJ	990	990
SHOAL HARBOR AND COMPTON CREEK, NJ	10	10
SHREWSBURY RIVER, MAIN CHANNEL, NJ	10	10
NEW MEXICO		
ABIQUIU DAM, NM	3,437	3,437
COCHITI LAKE, NM	3,178	3,178
CONCHAS LAKE, NM	5,769	5,769
GALISTEO DAM, NM	900	900
INSPECTION OF COMPLETED WORKS, NM	652	652
JEMEZ CANYON DAM, NM	753	753
MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM, NM	2,500	2,500
SANTA ROSA DAM AND LAKE, NM	1,583	1,583
SCHEDULING RESERVOIR OPERATIONS, NM	383	383
TWO RIVERS DAM, NM	592	592
UPPER RIO GRANDE WATER OPERATIONS MODEL STUDY, NM	1,300	1,300

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NEW YORK		
ALMOND LAKE, NY	488	488
ARKPORT DAM, NY	345	345
BAY RIDGE AND RED HOOK CHANNELS, NY	50	50
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	1,834	1,834
BRONX RIVER, NY	100	100
BROWNS CREEK, NY	30	30
BUFFALO HARBOR, NY	2,500	2,500
BUTTERMILK CHANNEL, NY	50	50
EAST RIVER, NY	100	100
EAST ROCKAWAY INLET, NY	100	100
EAST SIDNEY LAKE, NY	797	797
EASTCHESTER CREEK, NY	10	10
FIRE ISLAND INLET TO JONES INLET, NY	50	50
GLEN COVE CREEK, NY	20	20
GREAT KILLS HARBOR, NY	50	50
GREAT SOUTH BAY, NY	50	50
HUDSON RIVER CHANNEL, NY	250	250
HUDSON RIVER, NY (MAINT)	6,900	6,900
HUDSON RIVER, NY (O & C)	2,450	2,450
INSPECTION OF COMPLETED WORKS, NY	1,351	1,351
JAMAICA BAY, NY	250	250
JONES INLET, NY	420	420
LAKE MONTAUK HARBOR, NY	250	250
LONG ISLAND INTRACOASTAL WATERWAY, NY	270	270
MATTITUCK HARBOR, NY	20	20
MORICHES INLET, NY	150	150
MOUNT MORRIS DAM, NY	3,892	3,892
NEW YORK AND NEW JERSEY CHANNELS, NY	400	400
NEW YORK AND NEW JERSEY HARBOR, NY & NJ	760	760
NEW YORK HARBOR, NY	7,743	7,743
NEW YORK HARBOR, NY & NJ (DRIFT REMOVAL)	9,850	9,850
NEW YORK HARBOR, NY (PREVENTION OF OBSTRUCTIVE DEPOSITS)	1,300	1,300
PROJECT CONDITION SURVEYS, NY	2,323	2,323
SHINNECOCK INLET, NY	150	150
SOUTHERN NEW YORK FLOOD CONTROL PROJECTS, NY	726	726
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	610	610
WESTCHESTER CREEK, NY	10	10
WHITNEY POINT LAKE, NY	960	960
NORTH CAROLINA		
ATLANTIC INTRACOASTAL WATERWAY, NC	2,812	2,812
B EVERETT JORDAN DAM AND LAKE, NC	2,385	2,385
CAPE FEAR RIVER ABOVE WILMINGTON, NC	462	462
FALLS LAKE, NC	2,494	2,494
INSPECTION OF COMPLETED WORKS, NC	205	205

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
MANTEO (SHALLOWBAG) BAY, NC	4,790	4,790
MASONBORO INLET AND CONNECTING CHANNELS, NC	50	50
MOREHEAD CITY HARBOR, NC	5,570	5,570
NEW RIVER INLET, NC	250	250
PROJECT CONDITION SURVEYS, NC	700	700
ROLLINSON CHANNEL, NC	1,000	1,000
SILVER LAKE HARBOR, NC	500	500
W KERR SCOTT DAM AND RESERVOIR, NC	3,363	3,363
WILMINGTON HARBOR, NC	14,739	14,739
NORTH DAKOTA		
BOWMAN HALEY, ND	249	249
GARRISON DAM, LAKE SAKAKAWEA, ND	19,938	19,938
HOMME LAKE, ND	338	338
INSPECTION OF COMPLETED WORKS, ND	374	374
LAKE ASHTABULA AND BALDHILL DAM, ND	1,747	1,747
PIPESTEM LAKE, ND	716	716
SCHEDULING RESERVOIR OPERATIONS, ND	121	121
SOURIS RIVER, ND	1,584	1,584
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	82	82
OHIO		
ALUM CREEK LAKE, OH	1,592	1,592
BERLIN LAKE, OH	3,093	3,093
CAESAR CREEK LAKE, OH	2,315	2,315
CLARENCE J BROWN DAM, OH	1,324	1,324
CLEVELAND HARBOR, OH	6,200	6,200
CONNEAUT HARBOR, OH	2,800	2,800
DEER CREEK LAKE, OH	2,231	2,231
DELAWARE LAKE, OH	1,535	1,535
DILLON LAKE, OH	1,489	1,489
FAIRPORT HARBOR, OH	1,150	1,150
INSPECTION OF COMPLETED WORKS, OH	874	874
MASSILLON LOCAL PROTECTION PROJECT, OH	89	89
MICHAEL J KIRWAN DAM AND RESERVOIR, OH	2,243	2,243
MOSQUITO CREEK LAKE, OH	1,216	1,216
MUSKINGUM RIVER LAKES, OH	11,836	11,836
NORTH BRANCH KOKOSING RIVER LAKE, OH	705	705
OHIO-MISSISSIPPI FLOOD CONTROL, OH	1,818	1,818
PAINT CREEK LAKE, OH	1,459	1,459
PROJECT CONDITION SURVEYS, OH	305	305
ROSEVILLE LOCAL PROTECTION PROJECT, OH	35	35
SANDUSKY HARBOR, OH	1,650	1,650
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OH	255	255
TOLEDO HARBOR, OH	6,102	6,102
TOM JENKINS DAM, OH	798	798

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
WEST FORK OF MILL CREEK LAKE, OH	770	770
WILLIAM H HARSHA LAKE, OH	1,281	1,281
OKLAHOMA		
ARCADIA LAKE, OK	724	724
BIRCH LAKE, OK	3,450	3,450
BROKEN BOW LAKE, OK	7,427	7,427
CANTON LAKE, OK	2,148	2,148
COPAN LAKE, OK	2,556	2,556
EUFAULA LAKE, OK	18,621	18,621
FORT GIBSON LAKE, OK	5,974	5,974
FORT SUPPLY LAKE, OK	1,306	1,306
GREAT SALT PLAINS LAKE, OK	360	360
HEYBURN LAKE, OK	747	747
HUGO LAKE, OK	1,622	1,622
HULAH LAKE, OK	907	907
INSPECTION OF COMPLETED WORKS, OK	239	239
KAW LAKE, OK	2,398	2,398
KEYSTONE LAKE, OK	5,073	5,073
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	29,364	29,364
OOLOGAH LAKE, OK	2,811	2,811
OPTIMA LAKE, OK	61	61
PENSACOLA RESERVOIR, LAKE OF THE CHEROKEES, OK	165	165
PINE CREEK LAKE, OK	1,439	1,439
SARDIS LAKE, OK	2,245	2,245
SCHEDULING RESERVOIR OPERATIONS, OK	1,200	1,200
SKIATOOK LAKE, OK	1,999	1,999
TENKILLER FERRY LAKE, OK	4,881	4,881
WAURIKA LAKE, OK	1,630	1,630
WISTER LAKE, OK	781	781
OREGON		
APPLEGATE LAKE, OR	1,058	1,058
BLUE RIVER LAKE, OR	1,152	1,152
BONNEVILLE LOCK AND DAM, OR & WA	10,041	10,041
CHETCO RIVER, OR	809	809
COLUMBIA RIVER AT THE MOUTH, OR & WA	24,131	24,131
COOS BAY, OR	7,655	7,655
COTTAGE GROVE LAKE, OR	2,247	2,247
COUGAR LAKE, OR	2,160	2,160
DETROIT LAKE, OR	5,510	5,510
DORENA LAKE, OR	2,337	2,337
ELK CREEK LAKE, OR	359	359
FALL CREEK LAKE, OR	1,527	1,527
FERN RIDGE LAKE, OR	2,231	2,231
GREEN PETER - FOSTER LAKES, OR	2,115	2,115

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
HILLS CREEK LAKE, OR	1,177	1,177
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, OR	60	60
INSPECTION OF COMPLETED WORKS, OR	1,082	1,082
JOHN DAY LOCK AND DAM, OR & WA	5,262	5,262
LOOKOUT POINT LAKE, OR	1,842	1,842
LOST CREEK LAKE, OR	3,695	3,695
MCNARY LOCK AND DAM, OR & WA	13,042	13,042
PROJECT CONDITION SURVEYS, OR	400	400
SCHEDULING RESERVOIR OPERATIONS, OR	98	98
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OR	525	10,025
UMPQUA RIVER, OR	921	921
WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	64	64
WILLAMETTE RIVER BANK PROTECTION, OR	200	200
WILLOW CREEK LAKE, OR	1,299	1,299
YAQUINA BAY AND HARBOR, OR	3,096	3,096

PENNSYLVANIA

ALLEGHENY RIVER, PA	12,043	12,043
ALVIN R BUSH DAM, PA	970	970
AYLESWORTH CREEK LAKE, PA	624	624
BELTZVILLE LAKE, PA	1,305	1,305
BLUE MARSH LAKE, PA	3,090	3,090
CONEMAUGH RIVER LAKE, PA	1,345	1,345
COWANESQUE LAKE, PA	2,956	2,956
CROOKED CREEK LAKE, PA	1,777	1,777
CURWENSVILLE LAKE, PA	900	900
DELAWARE RIVER, PHILADELPHIA, PA TO TRENTON, NJ	4,980	4,980
EAST BRANCH CLARION RIVER LAKE, PA	1,399	1,399
FOSTER JOSEPH SAYERS DAM, PA	2,537	2,537
FRANCIS E WALTER DAM, PA	875	875
GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	395	395
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, PA	10	10
INSPECTION OF COMPLETED WORKS, PA	1,117	1,117
JOHNSTOWN, PA	46	46
KINZUA DAM AND ALLEGHENY RESERVOIR, PA	1,770	1,770
LOYALHANNA LAKE, PA	4,649	4,649
MAHONING CREEK LAKE, PA	1,291	1,291
MONONGAHELA RIVER, PA	16,759	16,759
OHIO RIVER LOCKS AND DAMS, PA, OH & WV	39,511	39,511
OHIO RIVER OPEN CHANNEL WORK, PA, OH & WV	800	800
PROJECT CONDITION SURVEYS, PA	170	170
PROMPTON LAKE, PA	985	985
PUNXSUTAWNEY, PA	15	15
RAYSTOWN LAKE, PA	22,030	22,030
SCHEDULING RESERVOIR OPERATIONS, PA	37	37
SHENANGO RIVER LAKE, PA	2,464	2,464
STILLWATER LAKE, PA	843	843



CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	105	105
TIOGA - HAMMOND LAKES, PA	3,084	3,084
TIONESTA LAKE, PA	2,398	2,398
UNION CITY LAKE, PA	471	471
WOODCOCK CREEK LAKE, PA	1,015	1,015
YORK INDIAN ROCK DAM, PA	16,952	16,952
YOUGHIOGHENY RIVER LAKE, PA & MD	2,708	2,708
PUERTO RICO		
INSPECTION OF COMPLETED WORKS, PR	228	228
PROJECT CONDITION SURVEYS, PR	150	150
SAN JUAN HARBOR, PR	100	100
RHODE ISLAND		
FOX POINT BARRIER, NARRAGANSETT BAY, RI	2,816	2,816
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, RI	25	25
INSPECTION OF COMPLETED WORKS, RI	45	45
PROJECT CONDITION SURVEYS, RI	300	300
WOONSOCKET, RI	402	402
SOUTH CAROLINA		
ATLANTIC INTRACOASTAL WATERWAY, SC	200	200
CHARLESTON HARBOR, SC	16,110	16,110
COOPER RIVER, CHARLESTON HARBOR, SC	5,007	5,007
INSPECTION OF COMPLETED WORKS, SC	65	65
PROJECT CONDITION SURVEYS, SC	875	875
SOUTH DAKOTA		
BIG BEND DAM, LAKE SHARPE, SD	10,467	10,467
COLD BROOK LAKE, SD	370	370
COTTONWOOD SPRINGS LAKE, SD	226	226
FORT RANDALL DAM, LAKE FRANCIS CASE, SD	12,576	12,576
INSPECTION OF COMPLETED WORKS, SD	279	279
LAKE TRAVERSE, SD & MN	693	693
OAHE DAM, LAKE OAHE, SD & ND	13,829	13,829
SCHEDULING RESERVOIR OPERATIONS, SD	102	102
TENNESSEE		
CENTER HILL LAKE, TN	10,347	10,347
CHEATHAM LOCK AND DAM, TN	8,243	8,243
CHICKAMAUGA LOCK, TENNESSEE RIVER, TN	6,067	6,067
CORDELL HULL DAM AND RESERVOIR, TN	7,702	7,702
DALE HOLLOW LAKE, TN	9,071	9,071

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INSPECTION OF COMPLETED WORKS, TN	334	334
J PERCY PRIEST DAM AND RESERVOIR, TN	5,592	5,592
NORTHWEST TENNESSEE REGIONAL HARBOR, LAKE COUNTY, TN	10	10
OLD HICKORY LOCK AND DAM, TN	10,326	10,326
PROJECT CONDITION SURVEYS, TN	1	1
TENNESSEE RIVER, TN	22,578	22,578
WOLF RIVER HARBOR, TN	1,385	1,385
TEXAS		
AQUILLA LAKE, TX	1,080	1,080
ARKANSAS - RED RIVER BASINS CHLORIDE CONTROL - AREA VIII, TX	1,794	1,794
BARDWELL LAKE, TX	3,236	3,236
BELTON LAKE, TX	4,655	4,655
BENBROOK LAKE, TX	3,368	3,368
BRAZOS ISLAND HARBOR, TX	2,700	2,700
BUFFALO BAYOU AND TRIBUTARIES, TX	2,818	2,818
CANYON LAKE, TX	3,449	3,449
CHANNEL TO HARLINGEN, TX	2,400	2,400
CHANNEL TO PORT BOLIVAR, TX	50	50
CORPUS CHRISTI SHIP CHANNEL, TX	10,800	10,800
DENISON DAM, LAKE TEXOMA, TX	8,581	8,581
ESTELLINE SPRINGS EXPERIMENTAL PROJECT, TX	35	35
FERRELLS BRIDGE DAM, LAKE O' THE PINES, TX	4,041	4,041
FREEPORT HARBOR, TX	5,600	5,600
GALVESTON HARBOR AND CHANNEL, TX	5,000	5,000
GIWW, CHANNEL TO VICTORIA, TX	3,500	3,500
GRANGER DAM AND LAKE, TX	2,311	2,311
GRAPEVINE LAKE, TX	4,294	3,494
GULF INTRACOASTAL WATERWAY, TX	34,094	34,094
HORDS CREEK LAKE, TX	2,036	2,036
HOUSTON SHIP CHANNEL, TX	31,300	31,300
INSPECTION OF COMPLETED WORKS, TX	1,587	1,587
JIM CHAPMAN LAKE, TX	1,975	1,975
JOE POOL LAKE, TX	2,248	2,248
LAKE KEMP, TX	291	291
LAVON LAKE, TX	3,766	3,766
LEWISVILLE DAM, TX	4,614	4,614
MATAGORDA SHIP CHANNEL, TX	5,900	5,900
NAVARRO MILLS LAKE, TX	2,546	2,546
NORTH SAN GABRIEL DAM AND LAKE GEORGETOWN, TX	2,558	2,558
O C FISHER DAM AND LAKE, TX	1,091	1,091
PAT MAYSE LAKE, TX	1,234	1,234
PROCTOR LAKE, TX	2,392	2,392
PROJECT CONDITION SURVEYS, TX	323	323
RAY ROBERTS LAKE, TX	2,091	2,091
SABINE - NECHES WATERWAY, TX	7,725	7,725
SAM RAYBURN DAM AND RESERVOIR, TX	7,415	7,415

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SCHEDULING RESERVOIR OPERATIONS, TX	332	332
SOMERVILLE LAKE, TX	4,159	4,159
STILLHOUSE HOLLOW DAM, TX	5,068	5,068
TEXAS CITY SHIP CHANNEL, TX	50	50
TOWN BLUFF DAM, B A STEINHAGEN LAKE, TX	4,754	4,754
WACO LAKE, TX	6,956	6,956
WALLISVILLE LAKE, TX	2,806	2,806
WHITNEY LAKE, TX	5,722	5,722
WRIGHT PATMAN DAM AND LAKE, TX	3,958	3,958
UTAH		
INSPECTION OF COMPLETED WORKS, UT	24	24
SCHEDULING RESERVOIR OPERATIONS, UT	554	554
VERMONT		
BALL MOUNTAIN, VT	1,019	1,019
GORDONS LANDING, VT	250	250
INSPECTION OF COMPLETED WORKS, VT	172	172
NARROWS OF LAKE CHAMPLAIN, VT & NY	50	50
NORTH HARTLAND LAKE, VT	1,311	1,311
NORTH SPRINGFIELD LAKE, VT	936	936
TOWNSHEND LAKE, VT	1,900	1,900
UNION VILLAGE DAM, VT	1,495	1,495
VIRGIN ISLANDS		
INSPECTION OF COMPLETED WORKS, VI	24	24
PROJECT CONDITION SURVEYS, VI	100	100
VIRGINIA		
ATLANTIC INTRACOASTAL WATERWAY - ACC, VA	3,627	3,627
ATLANTIC INTRACOASTAL WATERWAY - DSC, VA	1,852	1,852
CHINCOTEAGUE HARBOR OF REFUGE, VA	65	65
CHINCOTEAGUE INLET, VA	566	566
GATHRIGHT DAM AND LAKE MOOMAW, VA	2,347	2,347
HAMPTON ROADS, NORFOLK & NEWPORT NEWS HARBOR, VA (DRIFT REMOVAL)	1,470	1,470
HAMPTON ROADS, VA (PREVENTION OF OBSTRUCTIVE DEPOSITS)	170	170
INSPECTION OF COMPLETED WORKS, VA	364	364
JAMES RIVER CHANNEL, VA	2,729	2,729
JOHN H KERR LAKE, VA & NC	16,229	16,229
JOHN W FLANNAGAN DAM AND RESERVOIR, VA	3,443	3,443
LYNNHAVEN INLET, VA	600	600
NORFOLK HARBOR, VA	9,421	9,421
NORTH FORK OF POUND RIVER LAKE, VA	590	590
PHILPOTT LAKE, VA	4,871	4,871

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
PROJECT CONDITION SURVEYS, VA	1,195	1,195
RUDEE INLET, VA	520	520
WASHINGTON		
CHIEF JOSEPH DAM, WA	636	636
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR	46,767	46,767
COLUMBIA RIVER AT BAKER BAY, WA & OR	1,809	1,809
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	1,246	1,246
COLUMBIA RIVER FISH MITIGATION, WA, OR & ID (CRFM)	1,907	1,907
EVERETT HARBOR AND SNOHOMISH RIVER, WA	2,281	2,281
GRAYS HARBOR, WA	11,710	11,710
HOWARD HANSON DAM, WA	3,819	3,819
ICE HARBOR LOCK AND DAM, WA	5,510	5,510
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, WA	70	70
INSPECTION OF COMPLETED WORKS, WA	1,057	1,057
LAKE WASHINGTON SHIP CANAL, WA	9,870	9,870
LITTLE GOOSE LOCK AND DAM, WA	2,836	2,836
LOWER GRANITE LOCK AND DAM, WA	4,532	4,532
LOWER MONUMENTAL LOCK AND DAM, WA	3,636	3,636
MILL CREEK LAKE, WA	4,492	4,492
MOUNT SAINT HELENS SEDIMENT CONTROL, WA	268	268
MUD MOUNTAIN DAM, WA	4,962	4,962
PORT TOWNSEND, WA	3	3
PROJECT CONDITION SURVEYS, WA	779	779
PUGET SOUND AND TRIBUTARY WATERS, WA	1,913	1,913
QUILLAYUTE RIVER, WA	283	283
SCHEDULING RESERVOIR OPERATIONS, WA	425	425
SEATTLE HARBOR, WA	389	389
STILLAGUAMISH RIVER, WA	303	303
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WA	64	64
SWINOMISH CHANNEL, WA	1,528	1,528
TACOMA HARBOR, WA	5	5
TACOMA, PUYALLUP RIVER, WA	226	226
THE DALLES LOCK AND DAM, WA & OR	3,776	3,776
WEST VIRGINIA		
BEECH FORK LAKE, WV	1,846	1,846
BLUESTONE LAKE, WV	2,283	2,283
BURNSVILLE LAKE, WV	2,495	2,495
EAST LYNN LAKE, WV	2,347	2,347
ELKINS, WV	15	15
INSPECTION OF COMPLETED WORKS, WV	463	463
KANAWHA RIVER LOCKS AND DAMS, WV	13,249	13,249
OHIO RIVER LOCKS AND DAMS, WV, KY & OH	26,835	26,835
OHIO RIVER OPEN CHANNEL WORK, WV, KY & OH	2,724	2,724

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
R D BAILEY LAKE, WV	2,636	2,636
STONEWALL JACKSON LAKE, WV	1,265	1,265
SUMMERSVILLE LAKE, WV	2,453	2,453
SUTTON LAKE, WV	2,440	2,440
TYGART LAKE, WV	3,283	3,283
WISCONSIN		
EAU GALLE RIVER LAKE, WI	2,199	2,199
FOX RIVER, WI	5,758	5,758
GREEN BAY HARBOR, WI	3,911	3,911
INSPECTION OF COMPLETED WORKS, WI	55	55
KEWAUNEE HARBOR, WI	12	12
MILWAUKEE HARBOR, WI	1,280	1,280
PROJECT CONDITION SURVEYS, WI	321	321
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WI	596	596
WYOMING		
INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, WY	10	10
INSPECTION OF COMPLETED WORKS, WY	80	80
JACKSON HOLE LEVEES, WY	1,814	1,814
SCHEDULING RESERVOIR OPERATIONS, WY	80	80
SUBTOTAL, PROJECTS LISTED UNDER STATES	2,936,261	2,940,103
REMAINING ITEMS		
ADDITIONAL FUNDING FOR ONGOING WORK		
NAVIGATION MAINTENANCE	---	24,280
DEEP-DRAFT HARBOR AND CHANNEL	---	341,400
DONOR AND ENERGY TRANSFER PORTS	---	40,000
INLAND WATERWAYS	---	30,000
SMALL, REMOTE, OR SUBSISTENCE NAVIGATION	---	50,000
OTHER AUTHORIZED PROJECT PURPOSES	---	24,000
AQUATIC NUISANCE CONTROL RESEARCH	675	675
ASSET MANAGEMENT/FACILITIES AND EQUIP MAINT (FEM)	3,650	3,650
BUDGET MANAGEMENT SUPPORT FOR O&M BUSINESS PROGRAMS		
STEWARDSHIP SUPPORT PROGRAM	900	900
PERFORMANCE-BASED BUDGETING SUPPORT PROGRAM	4,200	4,200
RECREATION MANAGEMENT SUPPORT PROGRAM	1,550	1,550
OPTIMIZATION TOOLS FOR NAVIGATION	322	322
CIVIL WORKS WATER MANAGEMENT SYSTEM (CWWMS)	10,000	10,000
COASTAL INLET RESEARCH PROGRAM	2,700	2,975
COASTAL OCEAN DATA SYSTEM (CODS)	2,500	6,000
CULTURAL RESOURCES --- (NAGPRA/CURATION)	1,000	1,000
DREDGE MCFARLAND READY RESERVE	11,690	11,690
DREDGE WHEELER READY RESERVE	15,000	15,000

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
DREDGING DATA AND LOCK PERFORMANCE MONITORING SYSTEM	1,120	1,120
DREDGING OPERATIONS AND ENVIRONMENTAL RESEARCH (DOER)	6,450	6,450
DREDGING OPERATIONS TECHNICAL SUPPORT PROGRAM (DOTS)	2,820	2,820
EARTHQUAKE HAZARDS REDUCTION PROGRAM	300	300
FACILITY PROTECTION	4,500	6,000
FISH & WILDLIFE OPERATING FISH HATCHERY REIMBURSEMENT	5,400	5,400
HARBOR MAINTENANCE FEE DATA COLLECTION	795	795
INLAND WATERWAY NAVIGATION CHARTS	4,500	4,500
INSPECTION OF COMPLETED FEDERAL FLOOD CONTROL PROJECTS	20,000	20,000
MONITORING OF COMPLETED NAVIGATION PROJECTS	3,300	9,500
NATIONAL COASTAL MAPPING PROGRAM	6,300	6,300
NATIONAL DAM SAFETY PROGRAM (PORTFOLIO RISK ASSESSMENT)	10,000	10,000
NATIONAL EMERGENCY PREPAREDNESS PROGRAM (NEPP)	5,500	5,500
NATIONAL (LEVEE) FLOOD INVENTORY	10,000	10,000
NATIONAL (MULTIPLE PROJECT) NATURAL RESOURCES MANAGEMENT ACTIVITIES	3,700	3,700
NATIONAL PORTFOLIO ASSESSMENT FOR REALLOCATIONS	800	800
REGIONAL SEDIMENT MANAGEMENT PROGRAM	3,500	3,500
REVIEW OF NON-FEDERAL ALTERATIONS OF CIVIL WORKS PROJECTS (SECTION 408)	8,500	8,500
SUSTAINABLE RIVERS PROGRAM (SRP)	400	400
VETERAN'S CURATION PROGRAM AND COLLECTIONS MANAGEMENT	6,500	6,500
WATERBORNE COMMERCE STATISTICS	4,670	4,670
WATER OPERATIONS TECHNICAL SUPPORT (WOTS)	500	5,500
SUBTOTAL, REMAINING ITEMS	163,742	689,897
TOTAL, OPERATION AND MAINTENANCE	3,100,003	3,630,000

*Updated Capability.*—The agreement adjusts some project-specific allocations downward from the budget request based on updated information regarding the amount of work that could be accomplished in fiscal year 2018.

*Surveillance of Northern Boundary Waters, Oregon.*—The agreement includes funding for activities in support of the Columbia River Treaty in this line item, as in previous years, rather than in a new line item “Columbia River Treaty 2024 Implementation, OR & WA” in the Investigations account as in the budget request.

*Additional Funding for Ongoing Work.*—When allocating the additional funding provided in this account, the Corps shall consider giving priority to the following:

1. ability to complete ongoing work maintaining authorized depths and widths of harbors and shipping channels, including where contaminated sediments are present;
2. ability to address critical maintenance backlog;
3. presence of the U.S. Coast Guard;
4. extent to which the work will enhance national, regional, or local economic development, including domestic manufacturing capacity;
5. extent to which the work will promote job growth or international competitiveness;
6. number of jobs created directly by the funded activity;
7. ability to obligate the funds allocated within the calendar year;
8. ability to complete the project, separable element, project phase, or useful increment of work within the funds allocated;
9. risk of imminent failure or closure of the facility; and
10. for harbor maintenance activities,
  - a. total tonnage handled;
  - b. total exports;
  - c. total imports;
  - d. dollar value of cargo handled;
  - e. energy infrastructure and national security needs served;
  - f. designation as strategic seaports;
  - g. lack of alternative means of freight movement; and
  - h. savings over alternative means of freight movement.

Additional funding provided for donor and energy transfer ports shall be allocated in accordance with 33 U.S.C. 2238c. The Corps is encouraged to include funding for this program in future budget requests.

*Facility Protection.*—The agreement provides funding for completion and deployment of tools to address hydrologic extremes.

*Monitoring of Completed Navigation Projects.*—Of the funding provided, \$3,700,000 shall be to support the structural health monitoring program to facilitate research to maximize operations, enhance

efficiency, and protect asset life through catastrophic failure mitigation and \$2,000,000 shall be for research related to the impacts of reduced navigational lock operations as described in the Senate report. The Corps is encouraged to also consider the need for additional work on the evaluation of grouted trunnion rods and the validation of technologies such as protective coatings.

*Water Operations Technical Support.*—Funding in addition to the budget request is included for research into atmospheric rivers first funded in fiscal year 2015. The Corps is directed to brief the Committees on Appropriations of both Houses of Congress not later than 30 days after the enactment of this Act on the application of this work to other locations and projects, including technical transferability, cost estimates, and appropriate budget structure.

*Great Lakes Navigation System.*—The agreement includes funding for individual projects within this System that exceeds the funding level envisioned in section 210(d)(1)(B)(ii) of the Water Resources Development Act of 1986.

*Beneficial Use of Dredged Material.*—In addition to Senate direction, the Corps shall brief the Committees on Appropriations of both Houses of Congress not later than 30 days after the enactment of this Act on the status of implementation of this authority, including schedule, project selection details, cost estimates, and planned budget structure.

*Coastal Inlet Research Program.*—Funding in addition to the budget request is included for the Corps to work with the National Oceanic and Atmospheric Administration's National Water Center on protecting the nation's water resources.

#### REGULATORY PROGRAM

The agreement includes \$200,000,000 for the Regulatory Program.

*Aquaculture Activities.*—The agreement includes House and Senate direction.

#### FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM

The agreement includes \$139,000,000 for the Formerly Utilized Sites Remedial Action Program.

#### FLOOD CONTROL AND COASTAL EMERGENCIES

The agreement includes \$35,000,000 for Flood Control and Coastal Emergencies. The agreement does not include use of prior-year balances.

#### EXPENSES

The agreement includes \$185,000,000 for Expenses.

*Alternative financing.*—There is support among Members of Congress and within the Administration for public-private partnerships (P3) and other alternative financing mechanisms. These



arrangements have the potential to be project delivery tools to help sustain the performance of existing infrastructure and construct new infrastructure more quickly. In fiscal year 2016, the Corps was directed to develop a policy on how proposals for public-private partnerships will be considered by the Corps and how these partnerships will be incorporated into the budget policy. A policy will allow interested non-federal sponsors equal opportunity to develop proposals for the Corps to review under established guidelines. To date, the Corps has not developed a policy. Therefore, the Corps is directed to issue this policy not later than 180 days after the enactment of this Act. Concurrently, the Corps shall provide to the Committees on Appropriations of both Houses of Congress a report on potential project and alternative financing evaluation metrics, including identifying the viability of using total return on federal investment as a metric for analyzing projects while also considering and addressing longstanding equity concerns that federal funding decisions not be biased by non-federal decisions to construct projects in advance of federal funding or to provide funding in excess of legally required cost shares. Until such policy is issued, the Corps shall discontinue all work on project specific public-private partnerships beyond the P3 project selected as a new start in fiscal year 2016.

*Implementation guidance.*—The Corps is directed to issue expeditiously implementation guidance for section 1043 of the Water Resources Reform and Development Act of 2014 (non-federal implementation pilot program).

OFFICE OF THE ASSISTANT SECRETARY OF THE ARMY FOR CIVIL WORKS

The agreement includes \$5,000,000 for the Office of the Assistant Secretary of the Army for Civil Works. The agreement includes legislative language that restricts the availability of funding until the Secretary submits a work plan that allocates at least 95 percent of the additional funding provided in each account (i.e., 95 percent of additional funding provided in Investigations, 95 percent of additional funding provided in Construction, etc.). This restriction shall not affect the roles and responsibilities established in previous fiscal years of the Office of the Assistant Secretary of the Army for Civil Works, the Corps headquarters, the Corps field operating agencies, or any other executive branch agency.

GENERAL PROVISIONS—CORPS OF ENGINEERS—CIVIL  
(INCLUDING TRANSFER OF FUNDS)

The agreement includes a provision relating to reprogramming.

The agreement includes a provision regarding the allocation of funds.

The agreement includes a provision prohibiting the use of funds to carry out any contract that commits funds beyond the amounts appropriated for that program, project, or activity.

The agreement includes a provision concerning funding transfers related to fish hatcheries.

The agreement includes a provision regarding certain dredged material disposal activities.

The agreement includes a provision regarding acquisitions.

The agreement includes a provision regarding reallocations at a project.

The agreement includes a provision regarding section 404 of the Federal Water Pollution Control Act.

The agreement includes a provision regarding a report by the Chief of Engineers.

TITLE II—DEPARTMENT OF THE INTERIOR  
CENTRAL UTAH PROJECT  
CENTRAL UTAH PROJECT COMPLETION ACCOUNT

The agreement includes a total of \$10,500,000 for the Central Utah Project Completion Account, which includes \$8,152,000 for Central Utah Project construction, \$898,000 for transfer to the Utah Reclamation Mitigation and Conservation Account for use by the Utah Reclamation Mitigation and Conservation Commission, and \$1,450,000 for necessary expenses of the Secretary of the Interior.

BUREAU OF RECLAMATION

In lieu of all House and Senate report direction regarding additional funding and the fiscal year 2018 work plan, the agreement includes direction under the heading “Additional Funding for Water and Related Resources Work” in the Water and Related Resources account.

WATER AND RELATED RESOURCES  
(INCLUDING TRANSFERS OF FUNDS)

The agreement includes \$1,332,124,000 for Water and Related Resources. The agreement includes legislative language, in accordance with Public Law 114–322, to allow the use of certain funding provided in fiscal year 2017.

The catastrophic drought in the western United States over the past several years has impacted community access to life-giving water. Accordingly, the agreement supports the Interior Department’s efforts to complete feasibility studies or initiate construction on seven projects identified by the Department in the State of California, State of Idaho, and State of Washington, consistent with Section 4007 of Public Law 114–322. The Department is directed to work expeditiously to bring these projects to fruition. Furthermore, funds made available in accordance with Section 4007 of Public Law 114–322 shall not be expended on construction activities until such time as the Bureau of Reclamation has complied with all applicable laws, including sections 4007(j) and 4012(a)(1) of Public Law 114–322.

The agreement for Water and Related Resources is shown in the following table:

~~[INSERT TABLE]~~

Insert 23a-23i

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
ARIZONA						
AK CHIN INDIAN WATER RIGHTS SETTLEMENT ACT PROJECT	---	16,200	16,200	---	16,200	16,200
COLORADO RIVER BASIN - CENTRAL ARIZONA PROJECT	6,272	648	6,920	6,272	648	6,920
COLORADO RIVER FRONT WORK AND LEVEE SYSTEM	2,303	---	2,303	2,303	---	2,303
SALT RIVER PROJECT	649	250	899	649	250	899
SAN CARLOS APACHE TRIBE WATER SETTLEMENT ACT PROJECT	1,550	---	1,550	1,550	---	1,550
YUMA AREA PROJECTS	1,332	23,032	24,364	1,332	23,032	24,364
CALIFORNIA						
CACHUMA PROJECT	747	874	1,621	747	874	1,621
CENTRAL VALLEY PROJECT:						
AMERICAN RIVER DIVISION, FOLSOM DAM UNIT/MORMON ISLAND	1,577	9,138	10,715	1,577	9,138	10,715
AUBURN-FOLSOM SOUTH UNIT	35	2,184	2,219	35	2,184	2,219
DELTA DIVISION	6,308	6,520	12,828	6,308	6,520	12,828
EAST SIDE DIVISION	1,290	2,772	4,062	1,290	2,772	4,062
FRIANT DIVISION	1,649	3,301	4,950	1,649	3,301	4,950
SAN JOAQUIN RIVER RESTORATION SETTLEMENT	34,000	---	34,000	34,000	---	34,000
MISCELLANEOUS PROJECT PROGRAMS	8,771	400	9,171	8,771	400	9,171
REPLACEMENTS, ADDITIONS, AND EXTRAORDINARY MAINT. PROGRAM	---	17,444	17,444	---	17,444	17,444
SACRAMENTO RIVER DIVISION	1,307	595	1,902	1,307	595	1,902
SAN FELIPE DIVISION	232	75	307	232	75	307
SAN JOAQUIN DIVISION	52	---	52	52	---	52
SHASTA DIVISION	720	9,007	9,727	720	9,007	9,727
TRINITY RIVER DIVISION	12,309	5,177	17,486	12,309	5,177	17,486
WATER AND POWER OPERATIONS	5,989	10,793	16,782	5,989	10,793	16,782

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
WEST SAN JOAQUIN DIVISION, SAN LUIS UNIT	3,357	6,026	9,383	3,357	6,026	9,383
ORLAND PROJECT	---	930	930	---	930	930
SALTON SEA RESEARCH PROJECT	300	---	300	300	---	300
SOLANO PROJECT	1,329	2,367	3,696	1,329	2,367	3,696
VENTURA RIVER PROJECT	313	33	346	313	33	346
COLORADO						
ANIMAS-LA PLATA PROJECT	941	3,004	3,945	941	3,004	3,945
ARMEL UNIT, P-SMBP	5	1,738	1,743	5	1,738	1,743
COLLBRAN PROJECT	247	1,984	2,231	247	1,984	2,231
COLORADO-BIG THOMPSON PROJECT	726	13,372	14,098	726	13,372	14,098
FRUITGROWERS DAM PROJECT	93	131	224	93	131	224
FRYINGPAN-ARKANSAS PROJECT	167	10,091	10,258	167	10,091	10,258
FRYINGPAN-ARKANSAS PROJECT - ARKANSAS VALLEY CONDUIT	3,000	---	3,000	3,000	---	3,000
GRAND VALLEY UNIT, CRBSCP, TITLE II	486	1,809	2,295	486	1,809	2,295
LEADVILLE/ARKANSAS RIVER RECOVERY PROJECT	---	1,935	1,935	---	1,935	1,935
MANCOS PROJECT	76	240	316	76	240	316
NARRROWS UNIT, P-SMBP	---	38	38	---	38	38
PARADOX VALLEY UNIT, CRBSCP, TITLE II	389	3,003	3,392	389	3,003	3,392
PINE RIVER PROJECT	141	432	573	141	432	573
SAN LUIS VALLEY PROJECT, CLOSED BASIN	301	3,219	3,520	301	3,219	3,520
SAN LUIS VALLEY PROJECT, CONEJOS DIVISION	16	34	50	16	34	50
UNCOMPAHGRE PROJECT	728	163	891	728	163	891
UPPER COLORADO RIVER OPERATIONS PROGRAM	1,570	---	1,570	1,570	---	1,570

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
IDAHO						
BOISE AREA PROJECTS	3,383	4,522	7,905	3,383	4,522	7,905
COLUMBIA AND SNAKE RIVER SALMON RECOVERY PROJECT	19,000	---	19,000	19,000	---	19,000
LEWISTON ORCHARDS PROJECT	1,400	27	1,427	1,400	27	1,427
MINIDOKA AREA PROJECTS	2,442	2,438	4,880	2,442	2,438	4,880
PRESTON BENCH PROJECT	17	8	25	17	8	25
KANSAS						
ALMENA UNIT, P-SMBP	43	480	523	43	480	523
BOSTWICK UNIT, P-SMBP	370	884	1,254	370	884	1,254
CEDAR BLUFF UNIT, P-SMBP	40	552	592	40	552	592
GLEN ELDER UNIT, P-SMBP	65	2,581	2,646	65	2,581	2,646
KANSAS RIVER UNIT, P-SMBP	---	102	102	---	102	102
KIRWIN UNIT, P-SMBP	37	461	498	37	461	498
WEBSTER UNIT, P-SMBP	15	500	515	15	500	515
WICHITA PROJECT - CHENEY DIVISION	98	391	489	98	391	489
MONTANA						
CANYON FERRY UNIT, P-SMBP	249	5,047	5,296	249	5,047	5,296
EAST BENCH UNIT, P-SMBP	205	675	880	205	675	880
FORT PECK RESERVATION / DRY PRAIRIE RURAL WATER SYSTEM	6,000	---	6,000	6,000	---	6,000
HELENA VALLEY UNIT, P-SMBP	19	165	184	19	165	184
HUNGRY HORSE PROJECT	---	453	453	---	453	453
HUNTLEY PROJECT	12	46	58	12	46	58
LOWER MARIAS UNIT, P-SMBP	103	1,507	1,610	103	1,507	1,610



WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
LOWER YELLOWSTONE PROJECT	716	16	732	716	16	732
MILK RIVER PROJECT	553	2,951	3,504	553	2,951	3,504
MISSOURI BASIN O&M, P-SMBP	1,045	167	1,212	1,045	167	1,212
ROCKY BOYS/NORTH CENTRAL MT RURAL WATER SYSTEM	4,850	---	4,850	4,850	---	4,850
SUN RIVER PROJECT	154	283	437	154	283	437
YELLOWTAIL UNIT, P-SMBP	22	8,021	8,043	22	8,021	8,043
NEBRASKA						
AINSWORTH UNIT, P-SMBP	71	98	169	71	98	169
FRENCHMAN-CAMBRIDGE UNIT, P-SMBP	326	1,860	2,186	326	1,860	2,186
MIRAGE FLATS PROJECT	13	93	106	13	93	106
NORTH LOUP UNIT, P-SMBP	90	124	214	90	124	214
NEVADA						
LAHONTAN BASIN PROJECT	4,992	4,859	9,851	4,992	4,859	9,851
LAKE TAHOE REGIONAL DEVELOPMENT PROGRAM	115	---	115	115	---	115
LAKE MEAD /LAS VEGAS WASH PROGRAM	700	---	700	700	---	700
NEW MEXICO						
CARLSBAD PROJECT	2,790	1,339	4,129	2,790	1,339	4,129
EASTERN NEW MEXICO RURAL WATER SUPPLY	1,875	---	1,875	1,875	---	1,875
MIDDLE RIO GRANDE PROJECT	12,682	11,836	24,518	12,682	11,836	24,518
RIO GRANDE PROJECT	1,906	4,750	6,656	1,906	4,750	6,656
RIO GRANDE PUEBLOS PROJECT	1,000	---	1,000	1,000	---	1,000
TUCUMCARI PROJECT	15	16	31	15	16	31

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
NORTH DAKOTA						
DICKINSON UNIT, P-SMBP	214	435	649	214	435	649
GARRISON DIVERSION UNIT, P-SMBP	13,235	12,934	26,169	13,235	12,934	26,169
HEART BUTTE UNIT, P-SMBP	82	1,322	1,404	82	1,322	1,404
OKLAHOMA						
ARBUCKLE PROJECT	67	174	241	67	174	241
MCGEE CREEK PROJECT	188	802	990	188	802	990
MOUNTAIN PARK PROJECT	53	617	670	53	617	670
NORMAN PROJECT	71	301	372	71	301	372
WASHITA BASIN PROJECT	242	1,091	1,333	242	1,091	1,333
W.C. AUSTIN PROJECT	58	554	612	58	554	612
OREGON						
CROOKED RIVER PROJECT	403	533	936	403	533	936
DESCHUTES PROJECT	384	230	614	384	230	614
EASTERN OREGON PROJECTS	533	213	746	533	213	746
KLAMATH PROJECT	13,514	4,486	18,000	13,514	4,486	18,000
ROGUE RIVER BASIN PROJECT, TALENT DIVISION	2,072	686	2,758	2,072	686	2,758
TUALATIN PROJECT	201	218	419	201	218	419
UMATILLA PROJECT	556	2,931	3,487	556	2,931	3,487

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
SOUTH DAKOTA						
ANGOSTURA UNIT, P-SMBP	249	694	943	249	694	943
BELLE FOURCHE UNIT, P-SMBP	271	730	1,001	271	730	1,001
KEYHOLE UNIT, P-SMBP	198	610	808	198	610	808
LEWIS AND CLARK RURAL WATER SYSTEM	3,650	---	3,650	3,650	---	3,650
MID-DAKOTA RURAL WATER PROJECT	---	15	15	---	15	15
MNI WICONI PROJECT	---	13,475	13,475	---	13,475	13,475
OAHE UNIT, P-SMBP	37	73	110	37	73	110
RAPID VALLEY PROJECT	---	71	71	---	71	71
RAPID VALLEY UNIT, P-SMBP	---	200	200	---	200	200
SHADEHILL UNIT, P-SMBP	75	466	541	75	466	541
TEXAS						
BALMORHEA PROJECT	37	13	50	37	13	50
CANADIAN RIVER PROJECT	58	108	166	58	108	166
LOWER RIO GRANDE WATER CONSERVATION PROGRAM	50	---	50	50	---	50
NUECES RIVER PROJECT	107	803	910	107	803	910
SAN ANGELO PROJECT	38	596	634	38	596	634
UTAH						
HYRUM PROJECT	183	158	341	183	158	341
MOON LAKE PROJECT	28	92	120	28	92	120
NEWTON PROJECT	67	103	170	67	103	170
OGDEN RIVER PROJECT	242	233	475	242	233	475
PROVO RIVER PROJECT	1,224	718	1,942	1,224	718	1,942

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
SANPETE PROJECT	73	10	83	73	10	83
SCOFIELD PROJECT	304	81	385	304	81	385
STRAWBERRY VALLEY PROJECT	433	100	533	433	100	533
WEBER BASIN PROJECT	1,047	860	1,907	1,047	860	1,907
WEBER RIVER PROJECT	131	102	233	131	102	233
WASHINGTON						
COLUMBIA BASIN PROJECT	3,961	9,414	13,375	3,961	9,414	13,375
WASHINGTON AREA PROJECTS	445	63	508	445	63	508
YAKIMA PROJECT	744	6,083	6,827	744	6,083	6,827
YAKIMA RIVER BASIN WATER ENHANCEMENT PROJECT	17,136	---	17,136	17,136	---	17,136
WYOMING						
BOYSEN UNIT, P-SMBP	232	1,875	2,107	232	1,875	2,107
BUFFALO BILL DAM DAM MODIFICATION, P-SMBP	32	2,731	2,763	32	2,731	2,763
KENDRICK PROJECT	78	5,626	5,704	78	5,626	5,704
NORTH PLATTE PROJECT	178	1,197	1,375	178	1,197	1,375
NORTH PLATTE AREA, P-SMBP	97	5,266	5,363	97	5,266	5,363
OWL CREEK UNIT, P-SMBP	6	93	99	6	93	99
RIVERTON UNIT, P-SMBP	8	572	580	8	572	580
SHOSHONE PROJECT	77	746	823	77	746	823
SUBTOTAL, PROJECTS	232,059	297,715	529,774	232,059	297,715	529,774

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
REGIONAL PROGRAMS						
ADDITIONAL FUNDING FOR ONGOING WORK:						
RURAL WATER	---	---	---	66,500	---	66,500
FISH PASSAGE AND FISH SCREENS	---	---	---	5,000	---	5,000
WATER CONSERVATION AND DELIVERY	---	---	---	189,075	---	189,075
ENVIRONMENTAL RESTORATION OR COMPLIANCE	---	---	---	40,000	---	40,000
FACILITIES OPERATION, MAINTENANCE, AND REHABILITATION	---	---	---	---	4,000	4,000
COLORADO RIVER BASIN SALINITY CONTROL PROJECT, TITLE I	250	15,203	15,453	250	15,203	15,453
COLORADO RIVER BASIN SALINITY CONTROL PROJECT, TITLE II	8,374	---	8,374	8,374	---	8,374
COLORADO RIVER STORAGE PROJECT (CRSP), SECTION 5	4,153	6,485	10,638	4,153	6,485	10,638
COLORADO RIVER STORAGE PROJECT (CRSP), SECTION 8	2,770	---	2,770	2,770	---	2,770
COLORADO RIVER WATER QUALITY IMPROVEMENT PROJECT	640	---	640	640	---	640
DAM SAFETY PROGRAM:						
DEPARTMENT OF THE INTERIOR DAM SAFETY PROGRAM	---	1,300	1,300	---	1,300	1,300
INITIATE SAFETY OF DAMS CORRECTIVE ACTION	---	66,500	66,500	---	66,500	66,500
SAFETY EVALUATION OF EXISTING DAMS	---	20,284	20,284	---	20,284	20,284
EMERGENCY PLANNING & DISASTER RESPONSE PROGRAM	---	1,250	1,250	---	1,250	1,250
ENDANGERED SPECIES RECOVERY IMPLEMENTATION PROGRAM	19,645	---	19,645	19,645	---	19,645
ENVIRONMENTAL PROGRAM ADMINISTRATION	1,844	---	1,844	1,844	---	1,844
EXAMINATION OF EXISTING STRUCTURES	---	8,873	8,873	---	8,873	8,873
GENERAL PLANNING ACTIVITIES	2,124	---	2,124	2,124	---	2,124
INDIAN WATER RIGHTS SETTLEMENTS:						
AAMODT LITIGATION SETTLEMENT	8,000	---	8,000	8,000	---	8,000
BLACKFEET SETTLEMENT	10,000	---	10,000	10,000	---	10,000
CROW TRIBE RIGHTS	12,772	---	12,772	12,772	---	12,772
NAVAJO GALLUP	67,772	25	67,797	67,772	25	67,797
LAND RESOURCES MANAGEMENT PROGRAM	9,996	---	9,996	9,996	---	9,996

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
LOWER COLORADO RIVER OPERATIONS PROGRAM	33,433	---	33,433	33,433	---	33,433
MISCELLANEOUS FLOOD CONTROL OPERATIONS	---	927	927	---	927	927
NATIVE AMERICAN AFFAIRS PROGRAM	10,425	---	10,425	12,425	---	12,425
NEGOTIATION & ADMINISTRATION OF WATER MARKETING	1,981	---	1,981	1,981	---	1,981
OPERATION & PROGRAM MANAGEMENT	901	2,764	3,665	901	2,764	3,665
POWER PROGRAM SERVICES	2,391	307	2,698	2,391	307	2,698
PUBLIC ACCESS AND SAFETY PROGRAM	597	206	803	597	206	803
RECLAMATION LAW ADMINISTRATION	2,173	---	2,173	2,173	---	2,173
RECREATION & FISH & WILDLIFE PROGRAM ADMINISTRATION	6,497	---	6,497	6,497	---	6,497
RESEARCH AND DEVELOPMENT:						
DESALINATION AND WATER PURIFICATION PROGRAM	1,753	1,150	2,903	16,653	1,150	17,803
SCIENCE AND TECHNOLOGY PROGRAM	11,065	---	11,065	16,765	---	16,765
SITE SECURITY ACTIVITIES	---	26,220	26,220	---	26,220	26,220
UNITED STATES/MEXICO BORDER ISSUES - TECHNICAL SUPPORT	90	---	90	90	---	90
WATERSMART PROGRAM:						
WATERSMART GRANTS	23,365	---	23,365	34,000	---	34,000
WATER CONSERVATION FIELD SERVICES PROGRAM	4,038	---	4,038	4,179	---	4,179
COOPERATIVE WATERSHED MANAGEMENT	1,750	---	1,750	2,250	---	2,250
BASIN STUDIES	5,200	---	5,200	5,200	---	5,200
DROUGHT RESPONSE & COMPREHENSIVE DROUGHT PLANS	3,250	---	3,250	4,000	---	4,000
TITLE XVI WATER RECLAMATION & REUSE PROGRAM	21,500		21,500	54,406		54,406
SUBTOTAL, REGIONAL PROGRAMS	278,749	151,494	430,243	646,856	155,494	802,350
TOTAL, WATER AND RELATED RESOURCES	510,808	449,209	960,017	878,915	453,209	1,332,124

*Scoggins Dam, Tualatin Project, Oregon.*—The agreement supports the administration's budget request for preconstruction activities at Scoggins Dam under the Safety of Dams program. Consistent with the Tualatin Project Water Supply Feasibility Study authorized in Public Law 108–137 and statutory authority granted by Public Law 114–113 allowing for additional benefits to be conducted concurrently with dam safety improvements, Reclamation is directed to evaluate alternatives, including new or supplementary works, provided that safety remains the paramount consideration, to address dam safety modifications and increased storage capacity. Considering the high risk associated with Scoggins Dam, Reclamation is encouraged to work with local stakeholders and repayment contractors on this joint project including feasibility and environmental review of the preferred alternative. A replacement structure downstream could significantly reduce project costs for both the federal government and local stakeholders. Reclamation may accept contributed funds from non-federal contractors to expedite completion of any level of review.

*Salton Sea.*—The agreement includes Senate direction.

*Additional Funding for Water and Related Resources Work.*—The agreement includes funds in addition to the budget request for Water and Related Resources studies, projects, and activities. Priority in allocating these funds should be given to advance and complete ongoing work, including preconstruction activities and where environmental compliance has been completed; improve water supply reliability; improve water deliveries; enhance national, regional, or local economic development; promote job growth; advance tribal and nontribal water settlement studies and activities; or address critical backlog maintenance and rehabilitation activities. Of the additional funding provided under the heading “Water Conservation and Delivery”, \$134,000,000 shall be for water storage projects as authorized in section 4007 of Public Law 114–322. Of the additional funding provided under the heading “Environmental Restoration or Compliance”, not less than \$30,000,000 shall be for activities authorized under sections 4001 and 4010 of Public Law 114–322 or as set forth in federal-state plans for restoring threatened and endangered fish species affected by the operation of the Bureau of Reclamation’s water projects.

Not later than 45 days after the enactment of this Act, Reclamation shall provide to the Committees on Appropriations of both Houses of Congress a report delineating how these funds are to be distributed, in which phase the work is to be accomplished, and an explanation of the criteria and rankings used to justify each allocation.

Reclamation is reminded that activities authorized under Indian Water Rights Settlements and under section 206 of Public Law 113–235 are eligible to compete for the additional funding provided under “Water Conservation and Delivery”.

*Research and Development: Desalination and Water Purification Program.*—Of the funding provided for this program, \$12,000,000 shall be for desalination projects as authorized in section 4009(a) of Public Law 114–322.

*WaterSMART Program: Title XVI Water Reclamation & Reuse Program.*—Of the funding provided for this program, \$20,000,000 shall be for water recycling and reuse projects as authorized in section 4009(c) of Public Law 114–322.

*Projects Serving Military Installations.*—Reclamation is directed to submit to the Committees on Appropriations of both Houses of Congress not later than 120 days after enactment of this Act a report describing existing programs, authorities, and funding options available to advance water projects that serve military installations. Reclamation shall consult with the Department of Defense in developing this report.

*Rural Water.*—Voluntary funding in excess of legally required cost shares for rural water projects is acceptable, but shall not be used by Reclamation as a criterion for allocating additional funding provided in this agreement or for budgeting in future years.

*WIIN Act Implementation.*—The Bureau of Reclamation is directed to move expeditiously on implementation of the WIIN Act (Public Law 114–322). Specifically, Reclamation is expected to recommend water storage projects for funding under section 4007 and water desalination projects for funding under section 4009(a) by no later than September 30, 2018. To meet this deadline, Reclamation, by no later than April 30, 2018, shall develop guidelines and criteria for administering section 4009(a) and issue a funding opportunity announcement for funding provided under that section in fiscal years 2017 and 2018.

*Title XVI Evaluation Criteria.*—The Secretary is directed to review the technical proposal evaluation criteria in future funding opportunity announcements associated with water recycling and reuse projects to ensure that a diversity of water recycling projects are able to equitably compete for funding. When evaluating projects for available funding, the Secretary is directed to consider that a project’s economic benefits can be measured in multiple ways, not only through cost per acre-foot of water generated, to ensure an equitable comparison of projects. Further, the Secretary is directed to consider the cost per acre-foot of each project in comparison to other water supply alternatives available within the project area and the cost per acre-foot of water generated by projects with similar characteristics.

*Buried Metallic Water Pipe.*—Reclamation shall continue following its temporary design guidance.

CENTRAL VALLEY PROJECT RESTORATION FUND

The agreement provides \$41,376,000 for the Central Valley Project Restoration Fund.

CALIFORNIA BAY-DELTA RESTORATION  
(INCLUDING TRANSFERS OF FUNDS)

The agreement provides \$37,000,000 for the California Bay-Delta Restoration Program.



POLICY AND ADMINISTRATION

The agreement provides \$59,000,000 for Policy and Administration.

ADMINISTRATIVE PROVISION

The agreement includes a provision limiting the Bureau of Reclamation to purchase not more than five passenger vehicles for replacement only.

GENERAL PROVISIONS—DEPARTMENT OF THE INTERIOR

The agreement includes a provision outlining the circumstances under which the Bureau of Reclamation may reprogram funds.

The agreement includes a provision regarding the San Luis Unit and Kesterson Reservoir in California.

The agreement includes a provision regarding the Reclamation States Emergency Drought Relief Act of 1991.

The agreement includes a provision regarding aquifer recharge at a project.

### TITLE III—DEPARTMENT OF ENERGY

The agreement provides \$34,520,049,000 for the Department of Energy to fund programs in its primary mission areas of science, energy, environment, and national security. The Department is prohibited from funding fellowship and scholarship programs in fiscal year 2018 unless the programs were explicitly included in the budget justification or funded within this agreement. The Department is expected to spend funds as provided for within this agreement in an expeditious manner, to include the issuance of funding opportunity announcements and awards of funds.

*Five-Year Plan.*—The Department is directed to submit to the Committees on Appropriations of both Houses of Congress not later than September 30, 2018 a report on the plan to comply with 42 U.S.C. 7279a.

*Grid Modernization.*—The Department is directed to continue to support ongoing work between the national laboratories, industry, and universities to improve grid reliability and resiliency. The Department is also directed to continue implementation of the Grid Modernization Multi-Year Program Plan. The National Academies of Sciences, Engineering, and Medicine is directed to conduct an evaluation of the expected medium- and long-term evolution of the grid. This evaluation shall focus on developments that include the emergence of new technologies, planning and operating techniques, grid architecture, and business models.

*Cybersecurity.*—The Department is directed to provide to the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act the cybersecurity plans directed in the House and Senate reports.

*Payments in Lieu of Taxes (PILT).*—In lieu of House direction, DOE shall conduct a review of its current PILT agreements and provide to the Committees on Appropriations of both Houses of Congress not later than 180 days after enactment of this Act a report that describes the following:

- (1) the terms and costs of each PILT agreement;
- (2) a description of how DOE determines site eligibility;
- (3) an analysis of whether the current PILT agreements use methods of calculation that are consistent with current DOE policy guidelines, with guidance in the Atomic Energy Act that the Department shall be guided by the policy of not making payments in excess of the taxes which would have been payable for such property in the condition in which it was acquired, or with methods of calculation at other DOE sites;
- (4) an explanation for any agreements with notable variances, including special burdens;
- (5) a description of DOE procedures for negotiating and approving new agreements, including internal oversight mechanisms in place;
- (6) recommendations for changes needed to ensure that agreements are consistent across sites.

The agreement includes direction in the House report for the Comptroller General to provide an update on any changes to DOE's PILT program since the issue was last examined by the Government Accountability Office.

#### REPROGRAMMING REQUIREMENTS

The agreement carries the Department's reprogramming authority in statute to ensure that the Department carries out its programs consistent with congressional direction. The Department shall, when possible, submit consolidated, cumulative notifications to the Committees on Appropriations of both Houses of Congress.

*Definition.*—A reprogramming includes the reallocation of funds from one program, project, or activity to another within an appropriation. For construction projects, a reprogramming constitutes the reallocation of funds from one construction project to another project or a change of \$2,000,000 or 10 percent, whichever is less, in the scope of an approved project.

#### ENERGY PROGRAMS

##### ENERGY EFFICIENCY AND RENEWABLE ENERGY

The agreement provides \$2,321,778,000 for Energy Efficiency and Renewable Energy (EERE).

The Department is directed to work with the Environmental Protection Agency to review its 2009 Memorandum of Understanding related to the Energy Star Program and report to the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act on whether the expected efficiencies for home appliance products have been achieved.

##### SUSTAINABLE TRANSPORTATION

*Vehicle Technologies.*—Within available funds, the agreement provides not less than \$160,000,000 for Electric Drive Technologies Research and Development, not less than \$25,000,000 for Energy Efficient Mobility Systems, not less than \$42,988,000 for Advanced Combustion Engine Research and Development, not less than \$25,000,000 for Materials Technology, not less than \$16,000,000 for Vehicle Systems, and not less than \$10,000,000 to continue funding of Section 131 of the 2007 Energy Independence and Security Act for transportation electrification. The agreement provides \$20,000,000 for the SuperTruck II program to further improve the efficiency of heavy-duty class 8 long- and regional-haul vehicles and continue support of the five SuperTruck II awards. The agreement provides \$46,300,000 for Outreach, Deployment, and Analysis. Within this amount, \$37,800,000 is provided for Deployment through the Clean Cities Program and \$2,500,000 is for year four of EcoCAR3. Within available funds, the agreement provides up to \$15,000,000 for medium- and heavy-duty on-road natural gas engine research and development, including energy efficiency improvements, emission after-treatment technologies, fuel

system enhancements, and new engine development and up to \$10,000,000 to continue to support improving the energy efficiency of commercial off-road vehicles, including fluid power systems.

*Bioenergy Technologies.*—Within available funds, the agreement provides \$27,000,000 for feedstock supply and logistics; \$90,000,000 for Conversion Technologies, of which \$20,000,000 is to continue the Agile Biology Foundry, \$5,000,000 is to continue the biopower program, and \$5,000,000 is to improve the efficiency of community and smaller digesters that accept both farm and food wastes; and \$30,000,000 for algal biofuels. When awarding grants and cooperative agreements for algal biofuels research and development, not less than 50 percent of the dollar value of awards shall be for university- or industry-led consortia. The Department is directed to provide to the Committees on Appropriations of both Houses of Congress not later than 180 days after the enactment of this Act a report on research and development activities that can improve the economic viability of municipal solid waste-to-energy facilities.

*Hydrogen and Fuel Cell Technologies.*—Within available funds, the agreement provides \$19,000,000 for Technology Acceleration activities, including \$3,000,000 for manufacturing research and development and \$7,000,000 for industry-led efforts to demonstrate a hydrogen-focused integrated renewable energy production, storage, and transportation fuel distribution/retailing system. Within available funds, the agreement provides \$2,000,000 for the EERE share of the integrated energy systems work with the Office of Nuclear Energy and \$7,000,000 to enable integrated energy systems using high and low temperature electrolyzers with the intent of advancing the H2@Scale concept.

#### RENEWABLE ENERGY

*Solar Energy.*—Within available funds, the agreement provides \$55,000,000 for concentrating solar power research, development, and demonstration of technologies that reduce overall system costs, better integrate subsystem components, develop higher-temperature receivers, and improve the design of solar collection and thermal energy storage; \$70,000,000 for Photovoltaic Research and Development; and \$20,000,000 for Innovations in Manufacturing Competitiveness. The Department is encouraged to continue to support the Photovoltaic Regional Test Centers. Within available funds for concentrating solar power research, development, and demonstration, \$6,000,000 is provided for competitively selected projects focused on advanced thermal desalination techniques.

*Wind Energy.*—Within available funds, the agreement provides not less than \$10,000,000 on LCOE reduction, domestic manufacturing, and lowering market barriers for distributed wind systems, including small wind for rural homes and farms. The Department is directed to give priority to stewarding the assets and optimizing the operations of the Department-owned wind research and testing facilities. The agreement provides not less than \$30,000,000 for the National Wind Technology Center. The Department is directed to support the advancement of innovative technologies for offshore wind development, including freshwater, deepwater, shallow water, and transitional depth installations. In addition, the Department is directed to continue to support the previously awarded innovative Offshore Wind Advanced

Technology Demonstration Projects and to support the deployment and testing of scale floating wind turbines designed to reduce energy costs. Within available funds, the agreement provides not less than \$15,000,000 for the Department to prioritize early stage research on materials and manufacturing methods and advanced components that will enable accessing high-quality wind resources, on development that will enable these technologies to compete in the marketplace without the need for subsidies, and on activities that will accelerate fundamental offshore-specific research and development, such as those that target technology and deployment challenges unique to U.S. waters.

*Water Power.*—In lieu of Senate report direction, the agreement provides \$70,000,000 for marine and hydrokinetic technology research, development, and deployment activities, including research into mitigation of marine ecosystem impacts of these technologies. The Department is directed to continue development of the open-water wave energy test facility with previously provided funds. The Department is directed to continue competitive solicitations to increase energy capture, reliability, and survivability at lower costs for a balanced portfolio of wave and current (ocean, river, tidal) energy conversion systems and components. Within available funds, the agreement provides \$30,000,000 for industry- and university-led basic and applied research, development, and validation projects encompassing a pipeline of higher and lower technology readiness levels. The funds shall be used for new awards or to bring existing and validation awards toward completion. The agreement provides not less than \$8,000,000 to support collaborations between the previously designated university-based Marine Renewable Energy Centers and the national laboratories, including personnel exchanges, to support industry by conducting research, development, and deployment of marine energy components and systems. In addition, the Department is directed to continue its coordination with the U.S. Navy on marine energy technology development for national security applications at the Wave Energy Test Site and other locations. Within available funds, the Department is directed to prioritize the necessary infrastructure upgrades at marine industry testing sites operated by the national laboratories or the National Marine Renewable Energy Centers. The agreement provides not less than \$1,000,000 for these efforts.

Within available funds, \$35,000,000 is provided for conventional hydropower and pumped storage activities, including \$6,600,000 for the purposes of section 242 of the Energy Policy Act of 2005 (Public Law 109–58). The agreement provides \$10,000,000 for a competitive funding opportunity for multiple awardees to test the commercial viability of new use cases for pumped storage hydropower at locations to enhance grid reliability and manage variable generation.

*Geothermal Technologies.*—In lieu of Senate report direction, the agreement provides \$30,000,000 for the continuation of activities for the Frontier Observatory for Research in Geothermal Energy project. The Department is directed to continue its efforts to identify prospective geothermal resources in areas with no obvious surface expressions.

*Advanced Manufacturing.*—The following is the only direction for Advanced Manufacturing. The agreement provides not less than \$4,205,000 for improvements in the steel industry and \$5,000,000 for transient kinetic analysis for scaling of industrial processes and developing new catalysis programs for industrial applications. Within available funds, \$85,000,000 is for Advanced Manufacturing Research and Development Projects; \$153,000,000 is for Advanced Manufacturing Research and Development Facilities, of which \$70,000,000 is for five Clean Energy Manufacturing Innovation (CEMI) Institutes, including \$14,000,000 each for the Advanced Composites Manufacturing Innovation Institute, the Smart Manufacturing Innovation Institute, the Reducing Embodied-energy and Decreasing Emissions (REMADE) Institute, the Rapid Advancement in Process Intensification Deployment (RAPID) Institute, and a CEMI selection to be announced, \$20,000,000 is for the Manufacturing Demonstration Facility (MDF), \$20,000,000 is for the Energy-Water Desalination Hub, and \$25,000,000 is for the Critical Materials Hub; and \$30,000,000 is for Industrial Technical Assistance, of which \$5,000,000 is for the Combined Heat and Power Technical Assistance Partnerships and \$7,000,000 is for related combined heat and power activities. Within funds for the MDF, the Department is directed to continue its emphasis on assisting small- and medium-sized businesses to overcome the risks and challenges of investing in specialized, high-technology equipment at the MDF. Within available funds for Industrial Assessment Centers, the agreement provides not less than \$1,500,000 for wastewater treatment technical assistance. Within available funds, the agreement provides \$10,000,000 for district heating and directs the Department to collaborate with industry and provide to the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act a report that assesses the potential energy efficiency and energy security gains to be realized with district energy systems. The Department is directed to further foster the partnership between the national laboratories, universities, and industry to use thermoplastics composites and 3-D printing for renewable energy to overcome challenges to the development and implementation of innovative offshore wind technologies.

*Building Technologies.*—The agreement provides \$23,000,000 for Residential Buildings Integration, \$32,000,000 for Commercial Buildings Integration, \$90,000,000 for Emerging Technologies, and \$50,000,000 for Equipment and Buildings Standards. Within available funds, \$25,000,000 is for transactive controls research and development, of which \$5,000,000 is to continue promoting regional demonstrations of new, utility-led, residential Connected Communities advancing smart grid systems. Within available funds, \$25,000,000 is for solid-state lighting technology development and, if the Secretary finds solid-state lighting technology eligible for the Twenty-First Century Lamp Prize specified under Section 655 of the Energy Independence and Security Act of 2007, \$5,000,000 is provided in addition to funds for solid-state lighting research and development. The agreement also provides \$10,000,000, within available funds, for research and development for energy efficiency efforts related to the direct use of natural gas in residential applications, including gas heat pump heating and water heating, on-site combined heat and power, and natural gas appliance venting.

*Weatherization and Intergovernmental Programs.*—The Department is directed to make \$500,000 available to current Weatherization Assistance Program grant recipients via the Weatherization Innovation Pilot Program to develop and implement strategies to treat harmful substances, including vermiculite.

#### ELECTRICITY DELIVERY AND ENERGY RELIABILITY

The agreement provides \$248,329,000 for Electricity Delivery and Energy Reliability.

Within Transmission Reliability, the agreement provides \$5,000,000 for university, national laboratory, and industry research and development for competitively-awarded activities to develop multi-use integrated analytical and decision-making tools.

Within Resilient Distribution Systems, the agreement provides \$5,000,000 for field validation of sensors using data analytics for utilities to improve operations in steady-state and under extreme conditions, and to continue early-stage research to develop low-cost, printable sensors that can predict the health of critical equipment in the electric delivery system.

Within Cyber Security for Energy Delivery Systems, the agreement provides \$10,000,000 to complete the development of the industry-scale electric grid test bed and not less than \$5,000,000 to develop cyber and cyber-physical solutions for advanced control concepts for distribution and municipal utility companies.

Within Transformer Resilience and Advanced Components, the Department is directed to continue to support research and development for advanced components and grid materials for low-cost, power flow control devices, including both solid state and hybrid concepts that use power electronics to control electromagnetic devices and enable improved controllability, flexibility, and resiliency.

The Department is directed to provide to the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act a report identifying strategic laboratory, university, and industry partnerships that would enhance national security and assist industry in addressing critical threats, including electromagnetic pulses, geomagnetic disturbances, cyberattacks, and supply chain disruptions.

#### NUCLEAR ENERGY

The agreement provides \$1,205,056,000 for Nuclear Energy.

*Nuclear Energy Enabling Technologies.*—Within available funds, \$50,000,000 is for Crosscutting Technology Development, of which \$10,000,000 is for work on advanced sensors and instrumentation, \$6,000,000 is for hybrid energy systems, and not less than \$30,000,000 is to support development of advanced reactor technologies and high-priority crosscutting research and development areas. Funding for nuclear cybersecurity and hybrid electric systems is provided only within Crosscutting Technology Development. The agreement provides \$41,000,000 for the Nuclear Science User Facilities, of which



\$5,000,000 is for nuclear energy computation support. In lieu of House direction, the agreement provides \$28,200,000 for Nuclear Energy Advanced Modeling and Simulation and \$30,000,000 for the Energy Innovation Hub for Modeling and Simulation to continue ongoing work, including collaboration with the Nuclear Regulatory Commission to evaluate the use of high fidelity modeling and simulation tools in the regulatory environment.

*Reactor Concepts Research and Development.*—Within available funds, \$155,000,000 is for Advanced Reactor Technologies, of which not less than \$60,000,000 is for a solicitation to support technical, first-of-its-kind engineering and design and regulatory development of next generation light water and non-light water reactor technologies, including small modular reactors; \$18,000,000 is for the third year of the advanced reactor concepts program; \$3,000,000 is for testing and development of dynamic convection technology; and up to \$5,000,000 is for a MW-scale reactor study. The agreement provides \$35,000,000 for the versatile fast test reactor for research and development activities to achieve CD-0. The project is directed to follow the Department of Energy Order 413.3B “Program and Project Management for the Acquisition of Capital Assets” guidance once CD-0 is obtained. The agreement provides \$47,000,000 for the Light Water Reactor Sustainability program to continue research and development work on the technical basis for subsequent license renewal. The Department shall focus funding within the Light Water Reactor Sustainability program on materials aging and degradation, advanced instrumentation and control technologies, and component aging modeling and simulation. The Department shall also coordinate with industry and the national laboratories to determine other areas of high-priority research and development in this area. The Department is directed to provide to the Committees on Appropriations of both Houses of Congress within 180 days of the enactment of this Act a report that sets aggressive, but achievable goals to demonstrate a variety of private-sector advanced reactor designs and fuel types by the late 2020s. The report shall include anticipated costs, both federal and private, needed to achieve the goals. The Department shall collaborate with national laboratories, nuclear vendors, utilities, potential end users (such as petrochemical companies), and other stakeholders to identify subprogram priorities necessary to meet the identified goals. The Department is also directed to provide to the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act a report that details all current programs and projects within the Office of Nuclear Energy, whether the Department plans to continue to support each program or project, and the expected out-year funding through completion of the program or project.

*Fuel Cycle Research and Development.*—The agreement provides \$125,000,000 for the Advanced Fuels program, of which not less than \$55,600,000 is to continue the participation of three industry-led teams in Phase 2 of the cost shared research and development program on Accident Tolerant Fuels; not less than \$20,000,000 is to support accident tolerant fuels development at the national laboratories and other facilities, including at the Advanced Test Reactor, the Transient Reactor Test Facility, and the Halden reactor; \$3,000,000 is for continuation of the previously competitively awarded small business projects to develop ceramic cladding for Accident Tolerant Fuels; and \$8,000,000 is for additional support of

capability development of transient testing, including test design, modeling, and simulation. Within available funds, \$8,641,000 is for Systems Analysis and Integration and \$30,000,000 is for Material Recovery and Waste Form Development.

The agreement provides \$86,415,000 for Used Nuclear Fuel Disposition, of which \$63,915,000 is to continue generic research and development activities. Within available funds for Used Nuclear Fuel Disposition, the Department is directed to continue research and development activities on behavior of spent fuel during storage, transportation, and disposal, with priority on preparation activities for testing high-burnup fuel and post-irradiation examination of spent fuel rods and on the direct disposal of dry storage canister technologies. In lieu of Senate report direction, the agreement includes \$22,500,000 for Integrated Waste Management System activities and no further direction. Within the amounts for Used Nuclear Fuel Disposition, the agreement does not include defense funds.

*Radiological Facilities Management.*—The agreement includes \$20,000,000 for continued safe operation and maintenance of Oak Ridge National Laboratory hot cells.

*Idaho Facilities Management.*—In lieu of House and Senate report direction, the agreement provides \$288,000,000 for INL Operations and Infrastructure to support the MFC and ATR Five Year Plan to increase reliability and sustainability. The Department is directed to provide to the Committees on Appropriations of both Houses of Congress not later than 180 days after the enactment of this Act a report that lists the current and planned users for the ATR for the next 3 years, the operating cost attributed to each user, and the source of funds that will be applied to cover the costs for each user.

#### FOSSIL ENERGY RESEARCH AND DEVELOPMENT

The agreement provides \$726,817,000 for Fossil Energy Research and Development.

The agreement does not include the proposed restructuring of the “NETL Research and Operations” and “NETL Infrastructure” accounts and instead continues the budget structure from fiscal year 2017. The Department is directed to develop a cohesive policy and technology strategy and supporting roadmap or long-term plan for its Fossil Energy Research and Development portfolio and supporting infrastructure to guide the discovery or advancement of technological solutions that incorporate lessons learned for the future of research, development, and demonstration efforts on advanced carbon capture and storage (CCS) technologies, advanced fossil energy systems, and crosscutting fossil energy research, as well as guide the discovery or advancement of technological solutions for the prudent and sustainable development of unconventional oil and gas. The Department is directed to deliver the “Fossil Energy Roadmap” to the Committees on Appropriations of both Houses of Congress not later than 1 year after the enactment of this Act. The agreement does not support the closure of any National Energy Technology Laboratory (NETL) sites and provides no funds to plan, develop, implement, or pursue the consolidation or closure of any of the NETL sites. The agreement directs the Department to conduct a comprehensive assessment of Fossil Energy writ large to include the Fossil Energy Headquarters programs, NETL, and

relevant competencies of other national laboratories which support the mission of the Office of Fossil Energy. The assessment shall include an examination of the roles and responsibilities of staff within the Headquarters program, operations offices, and NETL to ensure the fossil energy research and development portfolio and supporting infrastructure are responsive to a cohesive policy and technology strategy.

*Coal Carbon Capture and Storage (CCS) and Power Systems.*—The Department is directed to use funds from Coal CCS and Power Systems for both coal and natural gas research and development as it determines to be merited, as long as such research does not occur at the expense of coal research and development. The agreement includes \$35,000,000 to continue to support the solicitation for two large-scale pilots that focus on transformational coal technologies that represent a new way to convert energy to enable a step change in performance, efficiency, and the cost of electricity compared to today's technologies. Such technologies include thermodynamic improvements in energy conversion and heat transfer, such as pressurized oxygen combustion and chemical looping, and improvements in carbon capture systems technology. In making the awards for large-scale pilots, the Department should prioritize entities that have previously received funding for these technologies at the lab and bench scale. The agreement provides \$2,000,000 for Hybrid Carbon Conversion activities. The agreement also includes funding for the Department's National Carbon Capture Center consistent with the cooperative agreement and fiscal year 2017.

Within Carbon Storage, the agreement provides \$12,000,000 for Carbon Use and Reuse and \$45,000,000 for Storage Infrastructure. The agreement recognizes the successful work of the Regional Carbon Sequestration Partnerships (RCSPs) and the important role they have played in supporting the research and development of CCS. The Department is directed to fulfill prior commitments to the RCSPs. Within available funds for Storage Infrastructure, the agreement provides not less than \$30,000,000 to support the CarbonSAFE initiative in which the RCSPs are eligible to participate. Within Advanced Energy Systems, the agreement provides \$25,000,000 for Gasification Systems, of which \$8,000,000 is for the Advanced Air Separation Program to continue activities improving advanced air separation technologies and \$30,000,000 is for Solid Oxide Fuel Cells to focus on research and development to enable efficient, cost-effective electricity generation with minimal use of water and the use of abundant domestic coal and natural gas resources with near-zero atmospheric emissions of CO<sub>2</sub> and pollutants. Within available funds for Advanced Energy Systems, the Department is directed to focus on modular coal technologies that are capable of distributed generation, represent maximum efficiency improvements over the current average fleet, incorporate advanced emissions control systems, and are economically competitive. Within Cross Cutting Research, the agreement provides \$20,000,000 for Coal Utilization Science, \$34,500,000 for Plant Optimization Technologies, \$18,000,000 for the Advanced Ultrasupercritical Program, and \$1,000,000 to award research grants to qualifying universities and institutions in the Department's Historically Black Colleges and Universities and Hispanic-Serving Institutions education and training program. Within NETL Coal Research and Development, the agreement provides \$15,000,000 for the Department to expand its external agency activities to develop and test commercially viable advanced separation technologies at

proof-of-concept or pilot scale that can be deployed near term for the extraction and recovery of rare earth elements and minerals from U.S. coal and coal byproduct sources having the highest potential for success.

*Natural Gas Technologies.*—The agreement provides \$5,200,000 to continue the Risk Based Data Management System (RBDMS) to support a cloud-based application and necessary cybersecurity initiatives. The Department is directed to support the continued integration of FracFocus and RBDMS for improved public access to State oil and gas related data, as well as for State regulatory agencies to support electronic permitting for operators, eForms for improved processing time for new permits, operator training from the improved FracFocus 3.2 after enhancements are implemented, and miscellaneous reports such as “Produced Water Report: Current and Future Beneficial Uses Report”.

The agreement provides \$20,000,000 for Methane Hydrate Activities, \$9,000,000 for Environmentally Prudent Development, \$10,000,000 for Emissions Mitigation from Midstream Infrastructure, and \$5,000,000 for Emissions Quantification from Natural Gas Infrastructure.

*Unconventional Technologies.*—Within available funds, \$12,300,000 is for research to better understand reservoirs and to improve low recovery factors from unconventional natural gas and oil wells through more efficient well completion methods and \$12,300,000 is to continue research toward enhanced recovery technologies in shale oil, low permeability reservoirs, residual oil zone reservoirs, and technology transfer methods. The Department should coordinate these efforts on a nationwide basis through a consortium of researchers and industry. Funds shall be awarded to a not-for-profit or university consortium comprised of multidisciplinary teams from industry, academia, and stakeholder groups that may also include State organizations. The projects will include research projects to improve environmental mitigation, water quality and treatment, infrastructure technology as well as the societal impacts of unconventional shale plays. These awards shall identify ways to improve existing technologies, encourage prudent development, provide cost effective solutions, and develop a better understanding of these reservoirs’ resource potential.

The Department is directed to identify the federal agencies with jurisdictional oversight of establishing an ethane storage and distribution hub in central Appalachia and to coordinate with the liaisons of those agencies to streamline the permitting application and approval process. The Department is encouraged to explore research and development for safe drilling and completion technologies that use no fresh water and can be deployed in horizontal wells. The agreement also provides \$14,000,000 for the Unconventional Field Test Sites. The Department is directed to continue its research partnership with the Department of Transportation on the crude oil characterization study to improve the safety of crude oil transported by rail. The agreement provides \$1,400,000 to continue this study.

*NETL Research and Operations.*—The Department is directed to establish university partnerships to support efforts to increase production of unconventional fossil fuels through innovative seismic research, including optimizing high resolution and time-lapse geophysical methods for improved resource detection and better rock characterization. The objective of this research is to facilitate necessary technology

development, expand understanding of subsurface dynamics, encourage prudent development, and develop best practices and tools.

*NETL Infrastructure.*—The agreement provides \$5,500,000 for financing NETL's Supercomputer, Joule, through the second year of a 3-year lease and directs the Department to prioritize funds to provide site-wide upgrades for safety and avoid an increase in deferred maintenance.

#### NAVAL PETROLEUM AND OIL SHALE RESERVES

The agreement provides \$4,900,000 for the operation of the Naval Petroleum and Oil Shale Reserves. The agreement includes the use of \$15,300,000 in prior-year balances.

#### STRATEGIC PETROLEUM RESERVE

The agreement provides \$252,000,000 for the Strategic Petroleum Reserve. Funding above the budget request is to address facilities development and operations, including physical security and cavern integrity, and to maintain 1,000,000 barrels of gasoline blendstock in the Northeast Gasoline Supply Reserve. The agreement includes legislative language regarding a drawdown and sale of oil and use of proceeds in fiscal year 2018.

#### SPR PETROLEUM ACCOUNT

The agreement provides \$8,400,000 for the SPR Petroleum Account to pay for the costs of certain statutorily-mandated crude oil sales.

#### NORTHEAST HOME HEATING OIL RESERVE

The agreement provides \$6,500,000 for the Northeast Home Heating Oil Reserve. The agreement includes the use of \$3,500,000 in prior-year balances.

#### ENERGY INFORMATION ADMINISTRATION

The agreement provides \$125,000,000 for the Energy Information Administration.

#### NON-DEFENSE ENVIRONMENTAL CLEANUP

The agreement provides \$298,400,000 for Non-Defense Environmental Cleanup.

*Small Sites.*—The agreement provides \$119,856,000 for Small Sites. Within this amount, \$41,000,000 shall be for Lawrence Berkeley National Laboratory, \$8,000,000 shall be for Oak Ridge activities, \$37,884,000 shall be for Moab, and \$10,000,000 shall be to complete ongoing work at the Southwest Experimental Fast Oxide Reactor.

#### URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND

The agreement provides \$840,000,000 for activities funded from the Uranium Enrichment Decontamination and Decommissioning Fund.

*Portsmouth.*—The agreement includes \$30,000,000 above the budget request, which is equivalent to the amount of proceeds that DOE planned to generate through bartering arrangements in order to fund additional cleanup in fiscal year 2018. After the date of enactment of this Act, DOE shall not barter, transfer, or sell uranium for the remainder of fiscal year 2018 in order to generate additional funding for Portsmouth cleanup that is in excess of the amount of funding provided in this Act.

#### SCIENCE

The agreement provides \$6,259,903,000 for the Office of Science. The agreement provides \$2,000,000, to be funded from across all Office of Science programs, to support the Distinguished Scientist Program, as authorized in section 5011 of Public Law 110–69.

*Advanced Scientific Computing Research (ASCR).*—The following is the only direction provided for ASCR. Within available funds, the agreement provides \$205,000,000 for the Exascale Computing Project, \$110,000,000 for the Argonne Leadership Computing Facility, \$162,500,000 for the Oak Ridge Leadership Computing Facility, \$94,000,000 for the National Energy Research Scientific Computing Center at Lawrence Berkeley National Laboratory, \$10,000,000 for the Computational Sciences Graduate Fellowship program, and \$79,000,000 for ESnet.

*Basic Energy Sciences (BES).*—The following is the only direction provided for BES. The agreement provides not less than \$20,000,000 for the Experimental Program to Stimulate Competitive Research; not less than \$130,500,000 to continue the five existing Nanoscale Science Research Centers; not less than \$110,000,000 for the Energy Frontier Research Centers; not less than \$26,000,000 for exascale systems; not less than \$490,059,000 for the five BES light sources; not less than \$23,900,000 for Other Project Costs, of which \$14,000,000 is for the Advanced Light Source Upgrade, \$7,900,000 is for LCLS II, and \$2,000,000 is for the High Energy Upgrade at LCLS II; and not less than \$281,000,000 for the High-Flux Neutron Sources, of which \$205,000,000 is for the Spallation Neutron Source, \$75,000,000 is for the High-Flux Isotope Reactor, and up to \$1,000,000 is for the Lujan Neutron Scattering Center. Within available funds, the agreement provides not less than \$24,088,000 for the Batteries and Energy Storage Hub and not less than \$15,000,000 for the Fuels from Sunlight Hub. The Department is directed to move

forward with the review and renewal process to support the next 5-year charter for next-generation battery and storage technologies. The agreement provides \$7,000,000 for ongoing surveillance and monitoring activities designed to detect groundwater contamination at or near Brookhaven National Laboratory from the legacy High Flux Beam Reactor. The Department is directed to continue its partnership with qualified institutions of higher education in support of energy research activities related to enhanced efficiency in energy conversion and utilization, including emergent polymer optoelectronic technologies.

*Biological and Environmental Research (BER).*—The following is the only direction provided for BER. The Department is directed to give priority to optimizing the operation of BER user facilities. Within available funds, the agreement provides \$90,000,000 for the four Bioenergy Research Centers, including \$25,000,000 for the three existing centers and \$15,000,000 for the new awardee; not less than \$69,300,000 for the Joint Genome Institute; not less than \$43,200,000 for the Environmental Molecular Sciences Laboratory; not less than \$65,400,000 for the Atmospheric Radiation Measurement User Facility; not less than \$10,000,000 for NGEE-Arctic; not less than \$5,500,000 for NGEE-Tropics; not less than \$8,300,000 for the SPRUCE field site; not less than \$6,800,000 for the Watershed Function Science Focus Area; not less than \$5,700,000 for the Ameriflux project; and \$10,000,000 for exascale computing. Within available funds, the agreement provides \$3,000,000 to support ongoing research and discovery related to mercury biogeochemical transformations in the environment. The Department is directed to expend appropriated funds for critical research on environmental and biological science. Further, the Department is directed to maintain Genomic Science as a top priority and continue to support the Mesoscale to Molecules Activity.

*Fusion Energy Sciences.*—The agreement provides \$277,665,000 for burning plasma science foundations, \$52,246,000 for burning plasma science long pulse, and \$80,200,000 for discovery plasma science. Within available funds, the agreement provides \$17,500,000 for High Energy Density Laboratory Plasmas and \$20,000,000 for Scientific Discovery through Advanced Computing. The agreement provides \$122,000,000 for the in-kind contributions and related support activities of ITER. The Department is directed to assess science drivers for the NSTX-U to support future planning for the Fusion Energy Sciences program and provide to the Committees on Appropriations of both Houses of Congress a briefing upon completion.

*High Energy Physics.*—Within available funds, the agreement provides \$24,100,000 and a new detailed table entry for PIP-II, \$9,800,000 for the Large Synoptic Survey Telescope Camera, and \$10,000,000 to continue the upgrade of FACET II. In lieu of House report direction, the agreement provides \$17,500,000 for DESI, \$14,100,000 for LUX ZEPLIN, and \$7,400,000 for SuperCDMS-SnoLab.

*Nuclear Physics.*—Within available funds, the agreement provides \$10,000,000 for the Stable Isotope Production Facility and \$5,200,000 for the Gamma-Ray Energy Tracking Array. In lieu of Senate report direction on operations, the Department is directed to give priority to optimizing the operations for the Relativistic Heavy Ion Collider, the Continuous Electron Beam Accelerator Facility, the Argonne Tandem Linac Accelerator System, and the Brookhaven Linac Isotope Producer Facility.

*Science Laboratories Infrastructure.*—The Office of Science is directed to work with the Office of Nuclear Energy to demonstrate a commitment to operations and maintenance of nuclear facilities at Oak Ridge National Laboratory that support multiple critical missions.

ADVANCED RESEARCH PROJECTS AGENCY—ENERGY

The agreement provides \$353,314,000 for the Advanced Research Projects Agency—Energy.

TITLE 17 INNOVATIVE TECHNOLOGY LOAN GUARANTEE PROGRAM

The agreement provides \$33,000,000 for administrative expenses for the Title 17 Innovative Technology Loan Guarantee Program. This amount is offset by estimated revenues of \$10,000,000, resulting in a net appropriation of \$23,000,000. The agreement maintains the Title 17 Innovative Technology Loan Guarantee Program, and the Department is directed to process loan applications.

ADVANCED TECHNOLOGY VEHICLES MANUFACTURING LOAN PROGRAM

The agreement provides \$5,000,000 for the Advanced Technology Vehicles Manufacturing Loan Program.

TRIBAL ENERGY LOAN GUARANTEE PROGRAM

The agreement provides \$1,000,000 for the Tribal Energy Loan Guarantee Program.

DEPARTMENTAL ADMINISTRATION

The agreement provides \$189,652,000 for Departmental Administration.

*Control Points.*—In lieu of House and Senate direction on control points, the agreement includes six reprogramming control points in this account to provide flexibility in the management of support functions. The Other Departmental activity includes Management, Project Management Oversight and Assessments, Chief Human Capital Officer, Office of Technology Transitions, Office of Small and Disadvantaged Business Utilization, General Counsel, Energy Policy and Systems Analysis, International Affairs, and Public Affairs. The Department is directed to continue to submit a budget request that proposes a separate funding level for each of these activities. Within International Affairs, the agreement includes \$2,000,000 for the Israel Binational Industrial Research and Development (BIRD) Foundation and \$4,000,000 for the U.S.–Israel Center of Excellence in Energy, Engineering and Water Technology, which were previously funded in the Energy Efficiency and Renewable Energy account.



*Chief Information Officer.*— To enhance the accountability for management of cyber resources, the agreement consolidates cybersecurity funding under the Office of the Chief Information Officer. The agreement includes \$126,274,000, including \$91,443,000 as requested within Departmental Administration and \$34,831,000 as requested for CyberOne activities within the DOE working capital fund. Within this amount, not less than \$68,974,000 shall be for cybersecurity and secure information.

*Small Refinery Exemption.*—Under section 211(o)(9)(B) of the Clean Air Act, a small refinery may petition the Environmental Protection Agency (EPA) Administrator for an exemption from the Renewable Fuel Standard (RFS) on the basis that the refinery experiences a disproportionate economic hardship under the RFS. When evaluating a petition, the Administrator consults with the Secretary of Energy to determine whether disproportionate economic hardship exists. According to the Department's March 2011 Small Refinery Exemption Study, disproportionate economic hardship must encompass two broad components: a high cost of compliance relative to the industry average disproportionate impacts, and an effect sufficient to cause a significant impairment of the refinery operations' viability. If the Secretary finds that either of these two components exists, the Secretary is directed to recommend to the EPA Administrator at least a 50 percent waiver of RFS requirements for the petitioner. The Secretary also is directed to score all of the metrics in the study and to score the metrics according to the 2011 study scoring criteria and not any later addendum to the study. The Secretary is directed to seek small refinery comment before making changes to its scoring metrics for small refinery petitions for RFS waivers and to notify the Committees on Appropriations of both Houses of Congress prior to making any final changes to scoring metrics. Only the impact on the small refinery's transportation fuel margins is pertinent to measuring RFS impacts on relative refining margins. The conference report accompanying the Energy and Water Development and Related Agencies Appropriations Act, 2010, addressed similar issues and directed the Secretary to redo an earlier study done to evaluate whether the RFS program imposes a disproportionate economic hardship on small refineries. In calling for the Secretary to redo the study, the conference report cited the lack of small refinery input into the earlier study, concerns about regional RFS compliance cost disparities, small refinery dependence on the purchase of renewable fuel credits (RINs), and increasing RIN costs. Since then, the dramatic rise in RIN prices has amplified RFS compliance and competitive disparities, especially where unique regional factors exist, including high diesel demand production, no export access, and limited biodiesel infrastructure and production. In response to petitions in prior years, the Secretary determined that the RFS program would impose a disproportionate economic and structural impact on several small refineries. Despite this determination, the Secretary did not recommend, and EPA did not provide, any RFS relief because it determined the refineries were profitable enough to afford the cost of RFS compliance without substantially impacting their viability. The Secretary is reminded that the RFS program may impose a disproportionate economic hardship on a small refinery even if the refinery makes enough profit to cover the cost of complying with the program. Small refinery profitability does not justify a disproportionate regulatory burden where Congress has explicitly given EPA authority, in consultation with the Secretary, to reduce or eliminate this burden.

In lieu of Senate direction, the Department is directed to provide to the Committees on Appropriations of both Houses of Congress a quarterly report on the status of projects approved under 42 U.S.C. 16421, with the first such report to be provided not later than 30 days after the enactment of this Act.

#### OFFICE OF THE INSPECTOR GENERAL

The agreement provides \$49,000,000 for the Office of the Inspector General.

#### ATOMIC ENERGY DEFENSE ACTIVITIES NATIONAL NUCLEAR SECURITY ADMINISTRATION

The agreement provides \$14,668,952,000 for the National Nuclear Security Administration (NNSA).

*Infrastructure Reporting.*—To ensure the expeditious execution of funds provided to address the NNSA's aging infrastructure, the NNSA is directed to report to the Committees on Appropriations of both Houses of Congress on the status of commitments for funds provided for Maintenance and Repair of Facilities, Recapitalization, major items of equipment, general plant projects, and all construction projects on a quarterly basis.

#### WEAPONS ACTIVITIES

The agreement provides \$10,642,138,000 for Weapons Activities.

*W80-4 Life Extension Program.*—The Comptroller General is directed to conduct a review of the alternatives analyzed for the W80-4 life extension program, including whether the NNSA considered a wide range of alternatives for components and systems that would meet requirements; how requirements are tracked, integrated, and managed; how technical and programmatic risk is tracked and managed within the program; whether accurate cost data regarding alternatives was available and utilized to inform decision-making; and whether analyses of alternatives, cost estimates, and project and program management systems adhere to best practices.

*Strategic Materials Sustainment.*—The agreement includes additional funding to support material de-inventory at the Chemistry and Metallurgy Research facility and to optimize material staging at the Nevada National Security Site.

*Science.*—Within Academic Alliances and Partnerships, the agreement includes \$19,832,000 for the Minority Serving Institution Partnerships Program and \$2,000,000 for Tribal Colleges and Universities.

*Inertial Confinement Fusion and High Yield.*—Within funds for Inertial Confinement Fusion and High Yield, \$344,000,000 shall be for the National Ignition Facility, \$75,000,000 shall be for OMEGA, and \$8,000,000 shall be for the Naval Research Laboratory.

*Advanced Simulation and Computing.*—The agreement provides \$721,244,000 for the Advanced Simulation and Computing program. Within this amount, \$161,000,000 is for the exascale initiative and \$12,000,000 is for advanced memory technology research to address exascale technical challenges.

*Advanced Manufacturing Development.*—Within amounts provided for Process Technology Development, the agreement includes \$5,000,000 above the budget request to modernize and upgrade legacy applications at weapons production facilities.

*Operations of Facilities.*—In lieu of language in the House report, the agreement includes funding to prepare and ship transuranic (TRU) waste from Lawrence Livermore National Laboratory (LLNL). Prior to the use of funds to package TRU waste shipments at LLNL, the NNSA's Office of Cost Estimating and Program Evaluation shall conduct a comparative analysis of the costs and benefits of shipping TRU waste from LLNL to Idaho for processing that includes consideration of the benefits of compacting waste for disposal in the Waste Isolation Pilot Plant and shall provide a briefing on its results to the Committees on Appropriations of both Houses of Congress.

*Maintenance and Repair of Facilities.*—The agreement includes funds above the budget request to address the significant backlog of deferred maintenance at the NNSA's sites and to make progress on the direction provided in the Fiscal Year 2012 Energy and Water Appropriations Act to establish standardized policies for the direct funding of facility and infrastructure maintenance costs at each of the NNSA sites. Within amounts for Maintenance and Repair of Facilities, the agreement includes \$10,000,000 to address deferred maintenance at the Lithium Production Facility.

*Recapitalization.*—Within Infrastructure and Safety, the agreement includes funds above the budget request to address the NNSA's high-risk excess facilities and deferred maintenance. Of this amount, not less than \$50,000,000 shall be to de-inventory, decommission, and demolish the NNSA's excess facilities and that amount shall include up to \$7,000,000 to support de-inventory and risk reduction at Alpha-5 and Beta-4 and up to \$9,000,000 to demolish facilities and utilities along the proposed new leg of the PIDAS at Y-12.

*Albuquerque Complex Project.*—The agreement includes \$98,000,000. In lieu of language in the House report, the NNSA is directed to establish a cost cap of \$174,700,000 for the Albuquerque Complex Project, consistent with the total estimated cost for the project as described in the fiscal year 2018 budget request. None of the funds in this or any other Appropriations Act for the Albuquerque Complex Project shall be to demolish facilities being replaced by this project or to exceed this definitive cost cap. The NNSA is directed to disaggregate the scope for demolition from the project and to establish a plan to carry out future demolition activities within the Recapitalization program.

*Chemistry and Metallurgy Research (CMR) Building Replacement Project.*—As directed in the House report and previous years, funding for the CMR Replacement Project shall be limited to that of the

original mission need for the project, that is, to relocate existing analytic chemistry and materials characterization capabilities from the legacy CMR facility. The NNSA is directed to request funding to meet additional plutonium infrastructure mission needs under a new and separate project.

*Physical Security Improvement Program.*—The agreement includes additional funding above the budget request to recapitalize physical security infrastructure and equipment identified in the NNSA's 10-year Security Systems Refresh Plan.

DEFENSE NUCLEAR NONPROLIFERATION  
(INCLUDING RESCISSION OF FUNDS)

The agreement provides \$2,048,219,000 for Defense Nuclear Nonproliferation. The agreement rescinds \$49,000,000 in prior-year balances as proposed in the budget request.

*Global Material Security.*—Within Global Material Security, not less than \$20,000,000 shall be for the Cesium Irradiator Replacement Program.

*Material Disposition.*—Within Material Disposition, the agreement includes funding to advance planning for the dilute and dispose alternative to the Mixed Oxide Fuel Fabrication Facility. Also within amounts for Material Disposition, \$1,000,000 shall be for the Uranium Lease and Takeback Program and not less than \$10,000,000 shall be to support activities to expedite the removal of plutonium from the State of South Carolina. Not later than July 1, 2018, the NNSA shall provide to the Committees on Appropriations of both Houses of Congress a plan for removing plutonium from South Carolina.

In lieu of the reporting requirement in the House report on facilities at the Savannah River Site (SRS), the NNSA shall provide to the Committees on Appropriations of both Houses of Congress not later than 60 days after the enactment of this Act a report that details the total DOE operating and maintenance costs of facilities at SRS that the NNSA relies on to carry out its nonproliferation missions and describes the current cost sharing arrangements and other agreements between the NNSA and the Office of Environmental Management.

*Laboratory and Partnership Support.*—The agreement provides \$92,000,000 for activities that support nuclear material minimization in civilian applications. Within this amount, \$15,000,000 is provided for technical support of global and industry partners that are seeking to minimize the use of highly-enriched uranium in the production of Mo-99, \$19,600,000 is provided to fully fund the remaining costs of the existing cooperative agreements for commercial Mo-99 production, and \$40,000,000 is provided for a new funding opportunity to be competitively awarded and open to both new and existing cooperative agreement partners in order to expedite the establishment of a stable domestic source of Mo-99. The NNSA shall ensure that its programmatic strategies are focused on expediting the delivery of a secure domestic supply of this critical medical isotope, to include making financial contributions on a timely basis. The agreement includes no further direction on the Mo-99 program.

*Defense Nuclear Nonproliferation Research and Development (DNN R&D).*—Within DNN R&D, the agreement includes \$2,000,000 for continued research and development of novel enrichment technologies to support nonproliferation goals.

*Nonproliferation Fuels Development.*—The agreement includes \$82,500,000 to research and develop new nuclear fuels that further U.S. nonproliferation goals. Within this amount, \$5,000,000 shall be for the national laboratories to develop high-density low-enriched fuels that could replace highly enriched uranium for naval applications.

NAVAL REACTORS  
(INCLUDING TRANSFER OF FUNDS)

The agreement provides \$1,620,000,000 for Naval Reactors. The agreement includes a provision to transfer \$85,500,000 to Nuclear Energy for operations and maintenance of the Advanced Test Reactor. The agreement provides no further direction for funding within Naval Reactors Operations and Infrastructure.

FEDERAL SALARIES AND EXPENSES

The agreement provides \$407,595,000 for the federal salaries and expenses of the Office of the NNSA Administrator.

ENVIRONMENTAL AND OTHER DEFENSE ACTIVITIES  
DEFENSE ENVIRONMENTAL CLEANUP

The agreement provides \$5,988,048,000 for Defense Environmental Cleanup. Within available funds, the Department is directed to fund the hazardous waste worker training program at \$10,000,000. The Department is directed to provide out-year funding projections in the annual budget request for Environmental Management and an estimate of the total cost and time to complete each site.

*Budget Structure Changes.*—The agreement rejects the budget structure changes proposed in the budget request, resolves House and Senate budget structure differences, and provides separate funding lines to initiate new decommissioning and demolition (D&D) activities at Oak Ridge, Lawrence Livermore National Laboratory, and Idaho National Laboratory. The Department shall use the same cost accounting procedures as in fiscal year 2017 for the Working Capital Fund, Safeguards and Security, Cyber Security, and the indirect cost pools at the Savannah River Site.

*Excess Facilities.*—Within LLNL Excess Facilities D&D, the agreement includes \$100,000,000 for the D&D of the B280 Pool Type Reactor and other excess facilities at Lawrence Livermore National Laboratory. Within OR Excess Facilities D&D, the agreement includes \$125,000,000 for the D&D of the

Biology Complex facilities at Y-12. Within ID Excess Facilities D&D, the agreement includes \$10,000,000 for the D&D of excess facilities and infrastructure at Idaho National Laboratory.

*Richland.*—Within Richland, the agreement includes funding for interim stabilization of PUREX Tunnel number two and for the demolition of the Plutonium Finishing Plant under new corrective actions that protect workers and the environment, in addition to the additional amounts above the budget request and direction in the Senate report. Also within funds for Richland, the agreement includes \$5,000,000 to develop a certificate of compliance for radioactive materials packaging to advance plans to dispose of buried transuranic waste currently at the 200 Area Burial Grounds. Within Central Plateau Remediation, the agreement includes funding for maintenance and public safety efforts at the B Reactor and the Manhattan Project National Historical Park.

*Office of River Protection.*—The agreement includes funding above the budget request to resume design and engineering work on the High-Level Waste Treatment facility, to resolve the five remaining technical issues on the Pretreatment facility, to ensure compliance with 2016 Consent Decree and Tri-Party Agreement milestones, and to continue tank waste retrievals. Not less than 90 days prior to the implementation of any changes to the current program of record for tank waste retrieval and closure and for the Waste Treatment Plant, the Department shall submit to the Committees on Appropriations of both Houses of Congress a report that includes the technical justification and business case, any impact of such changes on the 2016 Consent Decree and Tri-Party Agreement, any necessary regulatory or permit changes by Washington or any other state, any necessary National Environmental Policy Act analysis, and any impact of such changes on site infrastructure.

*Idaho National Laboratory.*—The agreement includes \$5,000,000 for advanced retrieval and disposition techniques for remote handled mixed low level waste and additional amounts above the budget request to continue operations at the Advanced Mixed Waste Treatment Facility.

*Oak Ridge.*—The agreement includes \$10,000,000 for an on-site landfill and \$17,100,000 for a mercury treatment facility. The Department must complete these vital facilities on time or risk impacting the important cleanup work in Oak Ridge. Within OR facility D&D, \$2,000,000 shall be used for the study of technical issues regarding groundwater standards that may help resolve regulatory issues associated with these projects.

*Savannah River Site.*—Within Site Risk Management, the agreement includes \$3,000,000 to support the disposition of spent fuel from the High Flux Isotope Reactor and no additional direction. The Department shall provide to the Committees on Appropriations of both Houses of Congress a report on retiree pensions as directed in the Senate report and not later than 90 days after the enactment of this Act.

*Waste Isolation Pilot Plant (WIPP).*—Within amounts for WIPP, the agreement includes an additional \$10,000,000 above the budget request to address infrastructure needs.

*Safeguards and Security.*—Within Safeguards and Security, funding is included for cybersecurity.

*Technology Development and Deployment.*—Within Technology Development and Deployment, \$5,000,000 is for the National Spent Fuel Program at Idaho National Laboratory and \$5,000,000 is for

independent review, analysis, and applied research to support cost-effective, risk-informed cleanup decision-making. Also within amounts provided, \$5,000,000 is to work on qualification, testing, and research to advance the state of the art of containment ventilation systems through cooperative university affiliated research activities and the Department shall take the necessary steps to implement and competitively award a cooperative university affiliated research center for that purpose.

#### OTHER DEFENSE ACTIVITIES

The agreement provides \$840,000,000 for Other Defense Activities.

Within funds for Environment, Health, Safety and Security, not less than \$1,000,000 is for the Epidemiologic Study of One Million U.S. Radiation Workers and Veterans. The Department shall ensure that funding to process security clearances for program office personnel that are located at DOE headquarters is budgeted for within funds for the responsible program office starting in fiscal year 2019. The agreement includes \$25,000,000 above the budget request for targeted investments to defend the U.S. energy sector against the evolving threat of cyber and other attacks in support of the resiliency of the nation's electric grid and energy infrastructure.

#### POWER MARKETING ADMINISTRATIONS

##### BONNEVILLE POWER ADMINISTRATION FUND

The agreement provides no appropriation for the Bonneville Power Administration, which derives its funding from revenues deposited into the Bonneville Power Administration Fund.

##### OPERATION AND MAINTENANCE, SOUTHEASTERN POWER ADMINISTRATION

The agreement provides a net appropriation of \$0 for the Southeastern Power Administration.

##### OPERATION AND MAINTENANCE, SOUTHWESTERN POWER ADMINISTRATION

The agreement provides a net appropriation of \$11,400,000 for the Southwestern Power Administration. The agreement includes the use of \$14,200,000 in prior-year balances. To ensure sufficient authority to meet purchase power and wheeling needs, the agreement includes \$30,000,000 above the level credited as offsetting collections by the Congressional Budget Office. The Department is directed to continue working with the Committees on Appropriations of both Houses of Congress to provide necessary information to address this scoring issue for future fiscal years.

CONSTRUCTION, REHABILITATION, OPERATION AND MAINTENANCE, WESTERN AREA POWER  
ADMINISTRATION

The agreement provides a net appropriation of \$93,372,000 for the Western Area Power Administration. The agreement includes the use of \$43,853,000 in prior-year balances. To ensure sufficient authority to meet purchase power and wheeling needs, the agreement includes \$30,000,000 above the level credited as offsetting collections by the Congressional Budget Office. The Department is directed to continue working with the Committees on Appropriations of both Houses of Congress to provide necessary information to address this scoring issue for future fiscal years.

FALCON AND AMISTAD OPERATING AND MAINTENANCE FUND

The agreement provides a net appropriation of \$228,000 for the Falcon and Amistad Operating and Maintenance Fund. The agreement includes legislative language authorizing the acceptance and use of contributed funds in fiscal year 2018 for operating, maintaining, repairing, rehabilitating, replacing, or upgrading the hydroelectric facilities at the Falcon and Amistad Dams.

Concerns persist that additional infrastructure investments are necessary at the Falcon and Amistad dams. Western is directed to coordinate with the International Boundary and Water Commission to determine a plan for addressing any needed improvements and brief the Committees on Appropriations of both Houses of Congress not later than 90 days after the enactment of this Act on progress towards finalizing a plan.

FEDERAL ENERGY REGULATORY COMMISSION  
SALARIES AND EXPENSES

The agreement provides \$367,600,000 for the Federal Energy Regulatory Commission (FERC). Revenues for FERC are set to an amount equal to the budget authority, resulting in a net appropriation of \$0.

GENERAL PROVISIONS—DEPARTMENT OF ENERGY  
(INCLUDING TRANSFERS OF FUNDS)

The agreement includes a provision prohibiting the use of funds provided in this title to initiate requests for proposals, other solicitations, or arrangements for new programs or activities that have not yet been approved and funded by the Congress; requires notification or a report for certain funding actions; prohibits funds to be used for certain multi-year “Energy Programs” activities without notification; and prohibits the obligation or expenditure of funds provided in this title through a reprogramming of funds except in certain circumstances.



The agreement includes a provision authorizing intelligence activities of the Department of Energy for purposes of section 504 of the National Security Act of 1947.

The agreement includes a provision prohibiting the use of funds in this title for capital construction of high hazard nuclear facilities, unless certain independent oversight is conducted.

The agreement includes a provision prohibiting the use of funds in this title to approve critical decision-2 or critical decision-3 for certain construction projects, unless a separate independent cost estimate has been developed for that critical decision.

The agreement includes a provision prohibiting funds in the Defense Nuclear Nonproliferation account for certain activities and assistance in the Russian Federation.

The agreement includes a provision regarding management of the Strategic Petroleum Reserve.

The agreement includes a provision on the Department of Energy's Working Capital Fund.

The agreement includes a provision concerning a report by the Secretary of Energy.

The agreement includes a provision restricting the use of funds for the Mixed Oxide Fuel Fabrication Facility Project, establishes a notice and wait requirement prior to the use of funds to terminate the project if requirements in Section 3121(b) of the Fiscal Year 2018 National Defense Authorization Act are satisfied, and no further direction on the project.

The agreement includes a provision on the transfer of unappropriated receipts currently in the Uranium Supply and Enrichment Activities account.

The agreement includes a provision regarding authority to release refined petroleum product from the Strategic Petroleum Reserve.

~~[INSERT TABLE]~~

Insert 51a - 51o

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
<b>ENERGY PROGRAMS</b>			
<b>ENERGY EFFICIENCY AND RENEWABLE ENERGY</b>			
Sustainable Transportation:			
Vehicle technologies.....	306,959	82,000	337,500
Bioenergy technologies.....	205,000	56,600	221,545
Hydrogen and fuel cell technologies.....	101,000	45,000	115,000
Subtotal, Sustainable Transportation.....	612,959	183,600	674,045
Renewable Energy:			
Solar energy.....	207,600	69,700	241,600
Wind energy.....	90,000	31,700	92,000
Water power.....	84,000	20,400	105,000
Geothermal technologies.....	69,500	12,500	80,906
Subtotal, Renewable Energy.....	451,100	134,300	519,506
Energy Efficiency:			
Advanced manufacturing.....	257,500	82,000	305,000
Building technologies.....	199,141	67,500	220,727
Federal energy management program.....	27,000	10,000	27,000
Weatherization and intergovernmental:			
Weatherization:			
Weatherization assistance program.....	225,000	---	248,000
Training and technical assistance.....	3,000	---	3,000
Subtotal, Weatherization.....	228,000	---	251,000
State energy program grants.....	50,000	---	55,000
Subtotal, Weatherization and intergovernmental program.....	278,000	---	306,000
Subtotal, Energy Efficiency.....	761,641	159,500	858,727
Corporate Support:			
Facilities and infrastructure:			
National Renewable Energy Laboratory (NREL).....	92,000	92,000	92,000
Program direction.....	153,500	125,849	162,500
Strategic programs.....	19,000	---	15,000
Subtotal, Corporate Support.....	264,500	217,849	269,500
Subtotal, Energy efficiency and renewable energy..	2,090,200	695,249	2,321,778
Use of Prior Year Balances.....	---	-59,100	---
TOTAL, ENERGY EFFICIENCY AND RENEWABLE ENERGY.....	2,090,200	636,149	2,321,778
<b>ELECTRICITY DELIVERY AND ENERGY RELIABILITY</b>			
Research and development:			
Transmission Reliability.....	36,000	13,000	39,000
Resilient Distribution Systems.....	50,000	10,000	38,000
Cyber security for energy delivery systems.....	62,000	42,000	75,829
Energy storage.....	31,000	8,000	41,000

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
Transformer resilience and advanced components.....	6,000	5,000	7,000
Subtotal.....	185,000	78,000	200,829
Transmission Permitting and Technical Assistance.....	7,500	6,000	7,000
Infrastructure security and energy restoration.....	9,000	9,000	12,000
Program direction.....	28,500	27,000	28,500
Subtotal, Electricity Delivery and Energy Reliability.....	230,000	120,000	248,329
<b>TOTAL, ELECTRICITY DELIVERY AND ENERGY RELIABILITY</b>	<b>230,000</b>	<b>120,000</b>	<b>248,329</b>
<b>NUCLEAR ENERGY</b>			
Research and development:			
Integrated university program.....	5,000	---	5,000
STEP R&D.....	5,000	---	5,000
Small modular reactor licensing technical support...	95,000	---	---
Nuclear energy enabling technologies.....	115,100	105,360	159,000
Reactor concepts RD&D.....	132,000	94,000	237,000
Fuel cycle research and development.....	207,500	88,500	260,056
International nuclear energy cooperation.....	3,000	2,500	3,000
Subtotal.....	562,600	290,360	669,056
Infrastructure:			
Radiological facilities management:			
Space and defense infrastructure.....	10,000	---	20,000
Research reactor infrastructure.....	7,000	9,000	9,000
Subtotal.....	17,000	9,000	29,000
INL facilities management:			
INL operations and infrastructure.....	231,713	198,140	288,000
Construction:			
16-E-200 Sample preparation laboratory.....	6,000	6,000	6,000
Subtotal, INL facilities management.	237,713	204,140	294,000
Subtotal, Infrastructure.....	254,713	213,140	323,000
Idaho sitewide safeguards and security.....	129,303	133,000	133,000
Program direction.....	80,000	66,500	80,000
Subtotal, Nuclear Energy.....	1,026,616	703,000	1,205,056
Use of prior-year balances.....	-10,000	---	---
<b>TOTAL, NUCLEAR ENERGY</b>	<b>1,016,616</b>	<b>703,000</b>	<b>1,205,056</b>
<b>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</b>			
Coal CCS and power systems:			
Carbon capture.....	101,000	16,000	100,671
Carbon storage.....	95,300	15,000	98,096
Advanced energy systems.....	105,000	46,000	112,000
Cross cutting research.....	45,500	37,800	58,350
NETL coal research and development.....	53,000	---	53,000
STEP (Supercritical CO2).....	24,000	---	24,000

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
Transformational coal pilots.....	---	---	35,000
Subtotal, CCS and power systems.....	423,800	114,800	481,117
Natural Gas Technologies:			
Research.....	43,000	5,500	50,000
Unconventional fossil energy technologies from petroleum - oil technologies.....	21,000	15,000	40,000
Program direction.....	60,000	58,478	60,000
Special recruitment programs.....	700	200	700
NETL Research and Operations.....	43,000	---	50,000
NETL Infrastructure.....	40,500	---	45,000
NETL Research and Development.....	---	78,100	---
NETL Infrastructure and Operations.....	---	63,100	---
Subtotal, Fossil Energy Research and Development..	632,000	335,178	726,817
Use of prior year balances.....	-14,000	-55,178	---
Fossil Proviso.....	50,000	---	---
TOTAL, FOSSIL ENERGY RESEARCH AND DEVELOPMENT.....	668,000	280,000	726,817
NAVAL PETROLEUM AND OIL SHALE RESERVES.....	14,950	20,200	20,200
Use of prior year balances.....	---	-15,300	-15,300
TOTAL, NAVAL PETROLEUM AND OIL SHALE RESERVES.....	14,950	4,900	4,900
STRATEGIC PETROLEUM RESERVE			
STRATEGIC PETROLEUM RESERVE.....	223,000	180,000	252,000
Sale of crude oil.....	-340,000	---	-350,000
Use of sale proceeds.....	340,000	---	350,000
TOTAL, STRATEGIC PETROLEUM RESERVE.....	223,000	180,000	252,000
SPR PETROLEUM ACCOUNT			
SPR Petroleum Account.....	---	8,400	8,400
TOTAL, SPR PETROLEUM ACCOUNT.....	---	8,400	8,400
ENERGY SECURITY AND INFRASTRUCTURE MODERNIZATION FUND			
Sale of crude oil.....	---	-350,000	---
Use of sale proceeds.....	---	350,000	---
TOTAL, ENERGY SECURITY AND INFRASTRUCTURE MODERNIZATION FUND.....	---	---	---
NORTHEAST HOME HEATING OIL RESERVE			
NORTHEAST HOME HEATING OIL RESERVE.....	10,500	10,000	10,000
Use of prior year balances.....	-4,000	-3,500	-3,500
TOTAL, NORTHEAST HOME HEATING OIL RESERVE.....	6,500	6,500	6,500

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
ENERGY INFORMATION ADMINISTRATION.....	122,000	118,000	125,000
NON-DEFENSE ENVIRONMENTAL CLEANUP			
Fast Flux Test Reactor Facility (WA).....	2,240	2,240	2,240
Gaseous Diffusion Plants.....	101,304	100,575	101,304
Small sites.....	77,043	55,000	119,856
West Valley Demonstration Project.....	66,413	60,585	75,000
TOTAL, NON-DEFENSE ENVIRONMENTAL CLEANUP.....	247,000	218,400	298,400
URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND			
Oak Ridge.....	194,673	145,726	194,673
Nuclear facility D&D, Paducah.....	205,530	202,958	205,530
Portsmouth:			
Nuclear facility D&D, Portsmouth.....	274,000	312,389	342,389
Construction:			
15-U-408 On-site waste disposal facility, Portsmouth.....	41,168	38,882	38,882
Total, Portsmouth.....	315,168	351,271	381,271
Pension and community and regulatory support.....	22,953	22,794	22,794
Title X uranium/thorium reimbursement program.....	30,000	30,000	35,732
Use of prior year balances.....	-324	---	---
TOTAL, UED&D FUND.....	768,000	752,749	840,000
SCIENCE			
Advanced scientific computing research.....	483,000	525,430	605,000
Construction:			
17-SC-20 SC Exascale Computing Project.....	164,000	196,580	205,000
Subtotal, Advanced scientific computing research.....	647,000	722,010	810,000
Basic energy sciences:			
Research.....	1,681,500	1,352,400	1,744,900
Construction:			
13-SC-10 LINAC coherent light source II, SLAC...	190,000	182,100	192,100
18-SC-10 APS Upgrade, ANL.....	---	20,000	93,000
18-SC-11 Spallation Neutron Source Proton Power Upgrade (PPU), ORNL.....	---	---	36,000
18-SC-12 Advanced Light Source Upgrade (ALS-U), LBNL.....	---	---	16,000
18-SC-13 LINAC coherent light source II HE, SLAC	---	---	8,000
Subtotal, Construction.....	190,000	202,100	345,100
Subtotal, Basic energy sciences.....	1,871,500	1,554,500	2,090,000
Biological and environmental research.....	612,000	348,950	673,000
Fusion energy sciences:			
Research.....	330,000	246,940	410,111

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
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Construction:			
14-SC-60 ITER.....	50,000	63,000	122,000
Subtotal, Fusion energy sciences.....	380,000	309,940	532,111
High energy physics:			
Research.....	731,500	573,400	767,600
Construction:			
11-SC-40 Long baseline neutrino facility / deep underground neutrino experiment, FNAL.....	50,000	54,900	95,000
11-SC-41 Muon to electron conversion experiment, FNAL.....	43,500	44,400	44,400
18-SC-42 PIP-II, FNAL.....	---	---	1,000
Subtotal, Construction.....	93,500	99,300	140,400
Subtotal, High energy physics.....	825,000	672,700	908,000
Nuclear physics:			
Operations and maintenance.....	522,000	422,700	586,800
Construction:			
14-SC-50 Facility for rare isotope beams, Michigan State University.....	100,000	80,000	97,200
Subtotal, Nuclear physics.....	622,000	502,700	684,000
Workforce development for teachers and scientists.....	19,500	14,000	19,500
Science laboratories infrastructure:			
Infrastructure support:			
Payment in lieu of taxes.....	1,764	1,713	1,713
Oak Ridge landlord.....	6,182	6,082	6,382
Facilities and infrastructure.....	32,603	5,105	70,347
Oak Ridge nuclear operations.....	26,000	10,000	26,000
Subtotal.....	66,549	22,900	104,442
Construction:			
18-SC-71 Energy Sciences Capability, PNNL.....	---	1,000	20,000
17-SC-71 Integrated Engineering Research Center, FNAL.....	2,500	1,500	20,000
17-SC-73 Core Facility Revitalization, BNL.....	1,800	1,500	30,000
15-SC-78 Integrative genomics building, LBNL.....	19,561	24,800	38,350
15-SC-77 Photon science laboratory building, SLAC.....	20,000	---	---
15-SC-76 Materials design laboratory, ANL.....	19,590	24,500	44,500
Subtotal.....	63,451	53,300	152,850
Subtotal, Science laboratories infrastructure...	130,000	76,200	257,292
Safeguards and security.....	103,000	103,000	103,000
Science program direction.....	182,000	168,516	183,000
Subtotal, Science.....	5,392,000	4,472,516	6,259,903
TOTAL, SCIENCE.....	5,392,000	4,472,516	6,259,903
=====	=====	=====	=====

NUCLEAR WASTE DISPOSAL..... --- 90,000 ---

DEPARTMENT OF ENERGY  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
<b>ADVANCED RESEARCH PROJECTS AGENCY-ENERGY</b>			
ARPA-E projects.....	276,750	---	324,064
Program direction.....	29,250	65,000	29,250
Subtotal, ARPA-E.....	306,000	65,000	353,314
Use of prior year balances.....	---	-45,000	---
Rescission.....	---	-46,367	---
TOTAL, ARPA-E.....	306,000	-26,367	353,314
<b>TITLE 17 - INNOVATIVE TECHNOLOGY LOAN GUARANTEE PGM</b>			
Administrative expenses.....	37,000	2,000	33,000
Offsetting collection.....	-30,000	-2,000	-10,000
Rescission.....	---	-250,000	---
TOTAL, TITLE 17 - INNOVATIVE TECHNOLOGY LOAN GUARANTEE PROGRAM.....	7,000	-250,000	23,000
<b>ADVANCED TECHNOLOGY VEHICLES MANUFACTURING LOAN PGM</b>			
Administrative expenses.....	5,000	2,000	5,000
TOTAL, ADVANCED TECHNOLOGY VEHICLES MANUFACTURING LOAN PROGRAM.....	5,000	2,000	5,000
TRIBAL ENERGY LOAN GUARANTEE PROGRAM.....	9,000	---	1,000
Rescission.....	-9,000	---	---
TOTAL, TRIBAL ENERGY LOAN GUARANTEE PROGRAM.....	---	---	1,000
<b>DEPARTMENTAL ADMINISTRATION</b>			
Administrative operations:			
Salaries and expenses:			
Office of the Secretary:			
Program direction.....	5,089	5,300	5,300
Chief Financial Officer.....	49,242	48,484	48,484
Chief Information Officer.....	74,492	91,443	126,274
Office of Indian energy policy and programs.....	16,000	10,000	18,000
Congressional and intergovernmental affairs.....	6,200	6,200	6,200
Economic impact and diversity.....	10,169	10,000	10,169
Other Departmental Administration.....	185,134	173,225	174,225
Subtotal, Salaries and expenses.....	346,326	344,652	388,652
Subtotal, Administrative operations.....	346,326	344,652	388,652
Strategic partnership projects.....	40,000	40,000	40,000
Subtotal, Departmental administration.....	386,326	384,652	428,652
Use of prior-year balances.....	-20,610	---	---
Funding from other defense activities.....	-119,716	-143,000	-143,000
Total, Departmental administration (gross).....	246,000	241,652	285,652



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	FY 2017 Enacted	FY 2018 Request	Final Bill
Miscellaneous revenues.....	-103,000	-96,000	-96,000
<b>TOTAL, DEPARTMENTAL ADMINISTRATION (net).....</b>	<b>143,000</b>	<b>145,652</b>	<b>189,652</b>
<b>OFFICE OF THE INSPECTOR GENERAL</b>			
Office of the inspector general.....	44,424	49,000	49,000
<b>TOTAL, ENERGY PROGRAMS.....</b>	<b>11,283,690</b>	<b>7,510,899</b>	<b>12,918,049</b>
<b>ATOMIC ENERGY DEFENSE ACTIVITIES</b>			
<b>NATIONAL NUCLEAR SECURITY ADMINISTRATION</b>			
<b>WEAPONS ACTIVITIES</b>			
<b>Directed stockpile work:</b>			
B61 Life extension program.....	616,079	788,572	788,572
W76 Life extension program.....	222,880	224,134	224,134
W88 Alteration program.....	281,129	332,292	332,292
W80-4 Life extension program.....	220,253	399,090	399,090
<b>Stockpile systems:</b>			
B61 Stockpile systems.....	57,313	59,729	59,729
W76 Stockpile systems.....	38,604	51,400	51,400
W78 Stockpile systems.....	56,413	60,100	60,100
W80 Stockpile systems.....	64,631	80,087	80,087
B83 Stockpile systems.....	41,659	35,762	35,762
W87 Stockpile systems.....	81,982	83,200	83,200
W88 Stockpile systems.....	103,074	131,576	131,576
Stockpile systems.....	---	---	---
Subtotal.....	443,676	501,854	501,854
Weapons dismantlement and disposition.....	56,000	52,000	56,000
<b>Stockpile services:</b>			
Production support.....	447,527	470,400	485,400
Research and Development support.....	34,187	31,150	31,150
R and D certification and safety.....	156,481	196,840	196,840
Management, technology, and production.....	251,978	285,400	285,400
Subtotal.....	890,173	983,790	998,790
<b>Strategic materials:</b>			
Uranium sustainment.....	20,988	20,579	24,000
Plutonium sustainment.....	184,970	210,367	210,367
Tritium sustainment.....	109,787	198,152	198,152
Domestic uranium enrichment.....	50,000	60,000	60,000
Strategic materials sustainment.....	212,092	206,196	216,196
Subtotal.....	577,837	695,294	708,715
Subtotal, Directed stockpile work.....	3,308,027	3,977,026	4,009,447

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	FY 2017 Enacted	FY 2018 Request	Final Bill
<b>Research, Development, Test and Evaluation (RDT&amp;E):</b>			
<b>Science:</b>			
Advanced certification.....	60,000	57,710	57,710
Primary assessment technologies.....	99,000	89,313	89,313
Dynamic materials properties.....	106,000	122,347	120,000
Advanced radiography.....	45,700	37,600	37,600
Secondary assessment technologies.....	76,000	76,833	76,833
Academic alliances and partnerships.....	49,800	52,963	52,963
Enhanced capabilities for subcritical experiments.....	---	50,755	40,105
<b>Subtotal.....</b>	<b>436,500</b>	<b>487,521</b>	<b>474,524</b>
<b>Engineering:</b>			
Enhanced surety.....	37,196	39,717	39,717
Weapons system engineering assessment technology	16,958	23,029	23,029
Nuclear survivability.....	36,100	45,230	45,230
Enhanced surveillance.....	42,228	45,147	45,147
Stockpile responsiveness.....	---	40,000	30,000
<b>Subtotal.....</b>	<b>132,482</b>	<b>193,123</b>	<b>183,123</b>
<b>Inertial confinement fusion ignition and high yield:</b>			
Ignition.....	77,932	79,575	79,575
Support of other stockpile programs.....	23,363	23,565	23,565
Diagnostics, cryogenics and experimental support.....	64,196	77,915	77,915
Pulsed power inertial confinement fusion.....	5,616	7,596	7,596
Joint program in high energy density laboratory plasmas.....	9,492	9,492	9,492
Facility operations and target production.....	342,360	334,791	346,791
<b>Subtotal.....</b>	<b>522,959</b>	<b>532,934</b>	<b>544,934</b>
Advanced simulation and computing.....	663,184	709,244	721,244
<b>Construction:</b>			
18-D-670 Exascale class computer cooling equipment, LANL.....	---	22,000	22,000
18-D-620 Exascale computing facility modernization project, LLNL.....	---	3,000	3,000
<b>Advanced manufacturing development:</b>			
Additive manufacturing.....	12,000	12,000	12,000
Component manufacturing development.....	46,583	38,644	38,644
Process technology development.....	28,522	29,896	34,896
<b>Subtotal.....</b>	<b>87,105</b>	<b>80,540</b>	<b>85,540</b>
<b>Subtotal, RDT&amp;E.....</b>	<b>1,842,230</b>	<b>2,028,362</b>	<b>2,034,365</b>
<b>Infrastructure and Operations:</b>			
Operations of facilities.....	824,000	868,000	848,470
Safety and environmental operations.....	110,000	116,000	110,000
Maintenance and repair of facilities.....	324,000	360,000	515,138
<b>Recapitalization:</b>			
Infrastructure and safety.....	430,509	312,492	482,661
Capability based investments.....	112,639	114,850	130,000
Bannister federal complex disposition.....	200,000	---	---
<b>Subtotal, Recapitalization.....</b>	<b>743,148</b>	<b>427,342</b>	<b>612,661</b>

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<b>Construction:</b>			
18-D-680 Material staging facility, PX.....	---	---	5,200
18-D-660 Fire station, Y-12.....	---	28,000	28,000
18-D-650 Tritium production capability, SRS.....	---	6,800	---
18-D-690 Lithium production capability.....	---	---	5,000
17-D-125 RLUOB reconfiguration project, LANL.....	1,000	---	---
17-D-126 PF-4 reconfiguration project, LANL.....	8,000	---	---
17-D-640 U1a complex enhancements project, NNSA...	11,500	22,100	22,100
17-D-630 Electrical distribution system, LLNL.....	25,000	6,000	6,000
16-D-515 Albuquerque Complex project.....	15,047	98,000	98,000
15-D-613 Emergency Operations Center, Y-12.....	2,000	7,000	7,000
15-D-302 TA-55 Reinvestment project III, LANL.....	2,000	---	---
07-D-220 Radioactive liquid waste treatment facility, LANL.....	---	2,100	2,100
07-D-220-04 TRU liquid waste facility, LANL.....	17,053	17,895	17,895
06-D-141 Uranium Processing Facility, Y-12.....	575,000	663,000	663,000
<b>Chemistry and metallurgy replacement (CMRR):</b>			
04-D-125 Chemistry and metallurgy replacement project, LANL.....	---	180,900	---
04-D-125-04 RLUOB equipment installation, phase 2.	75,000	---	127,025
04-D-125-05 PF-4 equipment installation.....	75,615	---	50,214
Subtotal, CMRR.....	150,615	180,900	177,239
Subtotal, Construction.....	807,215	1,031,795	1,031,534
Subtotal, Infrastructure and Operations.....	2,808,363	2,803,137	3,117,803
<b>Secure transportation asset:</b>			
Operations and equipment.....	151,771	219,464	185,568
Program direction.....	97,118	105,600	105,600
Subtotal, Secure transportation asset.....	248,889	325,064	291,168
<b>Defense nuclear security:</b>			
Defense nuclear security.....	670,000	686,977	686,977
Security improvements program.....	---	---	30,000
<b>Construction:</b>			
17-D-710 West end protected area reduction project, Y-12.....	2,500	---	53,600
14-D-710 Device assembly facility argus installation project, NV.....	13,000	---	---
Subtotal, Defense nuclear security.....	685,500	686,977	770,577
Information technology and cyber security.....	176,592	186,728	186,728
Legacy contractor pensions.....	248,492	232,050	232,050
Subtotal, Weapons Activities.....	9,318,093	10,239,344	10,642,138
Rescission.....	-64,126	---	---
Budget amendment rescission.....	-8,400	---	---
TOTAL, WEAPONS ACTIVITIES.....	9,245,567	10,239,344	10,642,138
<b>DEFENSE NUCLEAR NONPROLIFERATION</b>			
<b>Defense Nuclear Nonproliferation Programs:</b>			
<b>Global material security:</b>			
International nuclear security.....	66,027	46,339	46,339

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Domestic radiologic security.....	87,199	85,764	110,433
International radiologic security.....	68,907	60,576	78,907
Nuclear smuggling detection.....	144,975	144,429	154,429
Subtotal, Global material security.....	367,108	337,108	390,108
Material management and minimization:			
Conversion.....	75,615	125,500	---
Nuclear material removal.....	68,902	32,925	32,925
Material disposition.....	143,833	173,669	183,669
Laboratory and partnership support.....	---	---	92,000
Subtotal, Material management and minimization....	288,350	332,094	308,594
Nonproliferation and arms control.....	124,703	129,703	134,703
Defense nuclear nonproliferation R&D:			
Defense nuclear nonproliferation R&D.....	469,750	446,095	---
Proliferation detection.....	---	---	278,255
Nuclear detonation detection.....	---	---	195,749
Nonproliferation fuels development.....	---	---	82,500
Subtotal, Defense nuclear nonproliferation R&D....	469,750	446,095	556,504
Nonproliferation construction:			
99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS.....	335,000	270,000	335,000
18-D-150 Surplus plutonium disposition project, SRS.....	---	9,000	---
Subtotal, Nonproliferation construction.....	335,000	279,000	335,000
Legacy contractor pensions.....	83,208	40,950	40,950
Nuclear counterterrorism and incident response.....	271,881	277,360	282,360
Use of prior-year balances.....	-38,000	---	---
Subtotal, Defense Nuclear Nonproliferation.....	1,902,000	1,842,310	2,048,219
Rescission.....	-19,128	-49,000	-49,000
TOTAL, DEFENSE NUCLEAR NONPROLIFERATION.....	1,882,872	1,793,310	1,999,219
NAVAL REACTORS			
Naval reactors development.....	440,338	473,267	473,065
Columbia-class reactor systems development.....	213,700	156,700	156,700
S8G Prototype refueling.....	124,000	190,000	250,000
Naval reactors operations and infrastructure.....	449,682	466,884	466,884
Construction:			
17-D-911 BL Fire System Upgrade.....	1,400	---	---
15-D-904 NRF Overpack Storage Expansion 3.....	700	13,700	13,700
15-D-903 KL Fire System Upgrade.....	---	15,000	15,000
15-D-902 KS Engineroom team trainer facility.....	33,300	---	---
14-D-901 Spent fuel handling recapitalization project, NRF.....	100,000	116,000	197,000
10-D-903 Security upgrades, KAPL.....	12,900	---	---
Subtotal, Construction.....	148,300	144,700	225,700
Program direction.....	44,100	48,200	47,651
Subtotal, Naval Reactors.....	1,420,120	1,479,751	1,620,000

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Rescission.....	-307	---	---
TOTAL, NAVAL REACTORS.....	1,419,813	1,479,751	1,620,000
FEDERAL SALARIES AND EXPENSES.....	390,000	418,595	407,595
TOTAL, FEDERAL SALARIES AND EXPENSES.....	390,000	418,595	407,595
TOTAL, NATIONAL NUCLEAR SECURITY ADMINISTRATION.....	12,938,252	13,931,000	14,668,952
DEFENSE ENVIRONMENTAL CLEANUP			
Closure sites administration.....	9,389	4,889	4,889
Richland:			
River corridor and other cleanup operations.....	143,755	58,692	183,692
Central plateau remediation.....	659,818	637,879	662,879
RL Community and regulatory support.....	24,701	5,121	10,121
Construction:			
18-D-404 WESF Modifications and capsule storage...	---	6,500	6,500
15-D-401 Containerized sludge removal annex, RL...	11,486	8,000	---
Subtotal, Richland.....	839,760	716,192	863,192
Office of River Protection:			
Waste treatment and immobilization plant commissioning.....	3,000	8,000	8,000
Rad liquid tank waste stabilization and disposition.....	733,965	713,311	719,000
Construction:			
15-D-409 Low activity waste pretreatment system...	73,000	93,000	93,000
01-D-16 A-D Waste treatment and immobilization plant.....	593,000	655,000	---
18-D-16 Waste treatment and immobilization plant - LBL/Direct feed LAW.....	---	---	630,000
01-D-16 D High-level waste facility.....	---	---	75,000
01-D-16 E Pretreatment facility.....	97,000	35,000	35,000
Total, Construction.....	763,000	783,000	833,000
Subtotal, Office of river protection.....	1,499,965	1,504,311	1,560,000
Idaho National Laboratory:			
Idaho cleanup and waste disposition.....	379,088	346,155	420,000
Idaho community and regulatory support.....	3,000	4,071	4,071
ID Excess facilities D&D.....	---	---	10,000
Total, Idaho National Laboratory.....	382,088	350,226	434,071
NNSA sites and Nevada offsites:			
Lawrence Livermore National Laboratory.....	1,396	1,175	1,175
LLNL Excess facilities D&D.....	---	---	100,000
Separations Process Research Unit.....	3,685	1,800	4,800
Nevada.....	62,176	60,136	60,136
Sandia National Laboratory.....	4,130	2,600	2,600
Los Alamos National Laboratory.....	194,000	191,629	220,000
Total, NNSA sites and Nevada off-sites.....	265,387	257,340	388,711
Oak Ridge Reservation:			
OR Nuclear facility D&D.....	131,851	77,479	118,203
OR Excess facilities D&D.....	---	---	125,000
U233 disposition program.....	43,311	33,784	50,311
OR Cleanup and waste disposition.....	68,457	66,632	71,000

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(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill
<b>Construction:</b>			
17-D-401 On-site waste disposal facility.....	6,000	5,000	10,000
14-D-403 Outfall 200 mercury treatment facility.....	5,100	17,100	17,100
Subtotal, Construction.....	11,100	22,100	27,100
OR Community & regulatory support.....	5,500	4,605	5,605
OR Technology development and deployment.....	3,000	3,000	3,000
Total, Oak Ridge Reservation.....	263,219	207,600	400,219
<b>Savannah River Site:</b>			
SR Site risk management operations.....	448,980	---	482,960
Nuclear Material Management.....	---	323,482	---
Environmental Cleanup.....	---	159,978	---
SR Community and regulatory support.....	11,249	11,249	11,249
SR Radioactive liquid tank waste stabilization and disposition.....	600,123	597,258	637,105
<b>Construction:</b>			
18-D-402 Saltstone disposal unit #8/9.....	---	500	500
18-D-402 Emergency Operations Center Replacement, SR.....	---	---	500
17-D-402 Saltstone disposal Unit #7, SRS.....	5,500	40,000	30,000
15-D-402 Saltstone disposal Unit #6, SRS.....	7,577	---	---
05-D-405 Salt waste processing facility, SRS.....	160,000	150,000	150,000
Total, Savannah River Site.....	1,233,429	1,282,467	1,312,314
<b>Waste Isolation Pilot Plant:</b>			
Waste Isolation Pilot Plant.....	260,188	250,971	270,971
<b>Construction:</b>			
15-D-411 Safety significant confinement ventilation system, WIPP.....	2,532	46,000	86,000
15-D-412 Exhaust shaft, WIPP.....	30,000	19,600	19,600
Total, Waste isolation pilot plant.....	292,720	316,571	376,571
Program direction.....	290,050	300,000	300,000
Program support.....	14,979	35,088	14,979
Safeguards and Security.....	262,189	269,160	298,102
Technology development.....	25,025	25,000	35,000
CB-0101 Economic assistance to the state of NM.....	26,800	---	---
Cyber security.....	---	43,342	---
Excess facilities.....	---	225,000	---
Subtotal, Defense Environmental Cleanup.....	5,405,000	5,537,186	5,988,048
TOTAL, DEFENSE ENVIRONMENTAL CLEAN UP.....	5,405,000	5,537,186	5,988,048
<b>DEFENSE URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING.....</b>			
	563,000	---	---
<b>OTHER DEFENSE ACTIVITIES</b>			
<b>Environment, health, safety and security:</b>			
Environment, health, safety and security.....	126,972	130,693	130,693
Program direction.....	64,000	68,765	68,253
Subtotal, Environment, Health, safety and security	190,972	199,458	198,946

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Independent enterprise assessments:			
Independent enterprise assessments.....	24,580	24,068	24,068
Program direction.....	51,000	50,863	50,863
Subtotal, Independent enterprise assessments.....	75,580	74,931	74,931
Specialized security activities.....	237,912	237,912	262,912
Office of Legacy Management:			
Legacy management.....	140,306	137,674	137,674
Program direction.....	14,014	16,932	16,932
Subtotal, Office of Legacy Management.....	154,320	154,606	154,606
Defense related administrative support.....	119,716	143,000	143,000
Office of hearings and appeals.....	5,500	5,605	5,605
TOTAL, OTHER DEFENSE ACTIVITIES.....	784,000	815,512	840,000
	=====	=====	=====
DEFENSE NUCLEAR WASTE DISPOSAL.....	---	30,000	---
TOTAL, ATOMIC ENERGY DEFENSE ACTIVITIES.....	19,690,252	20,313,698	21,497,000
	=====	=====	=====
POWER MARKETING ADMINISTRATIONS (1)			
SOUTHEASTERN POWER ADMINISTRATION			
Operation and maintenance:			
Purchase power and wheeling.....	78,929	75,055	66,070
Program direction.....	6,000	6,379	6,379
Subtotal, Operation and maintenance.....	84,929	81,434	72,449
Less alternative financing (PPW).....	-18,169	-15,070	-15,070
Offsetting collections (for PPW).....	-60,760	-59,985	-51,000
Offsetting collections (PD).....	-1,000	-6,379	-6,379
Use of prior-year balances.....	-5,000	---	---
TOTAL, SOUTHEASTERN POWER ADMINISTRATION.....	---	---	---
SOUTHWESTERN POWER ADMINISTRATION			
Operation and maintenance:			
Operating expenses.....	13,896	16,680	16,680
Purchase power and wheeling.....	83,000	93,000	50,000
Program direction.....	31,516	31,335	31,335
Construction.....	12,486	14,932	14,932
Subtotal, Operation and maintenance.....	140,898	155,947	112,947
Less alternative financing (for O&M).....	-6,269	-9,042	-9,042
Less alternative financing (for PPW).....	-10,000	-10,000	-10,000
Less alternative financing (Const).....	-5,986	-9,417	-9,417
Offsetting collections (PD).....	-29,271	-16,035	-16,035
Offsetting collections (for O&M).....	-5,315	-2,853	-2,853
Offsetting collections (for PPW).....	-73,000	-83,000	-40,000
Use of prior year balances.....	---	-14,200	-14,200
TOTAL, SOUTHWESTERN POWER ADMINISTRATION.....	11,057	11,400	11,400
WESTERN AREA POWER ADMINISTRATION			
Operation and maintenance:			
Construction and rehabilitation.....	62,442	52,272	52,272

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Operation and maintenance.....	76,697	72,407	72,407
Purchase power and wheeling.....	581,634	597,997	498,072
Program direction.....	226,497	235,722	235,722
Subtotal, Operation and maintenance.....	947,270	958,398	858,473
Less alternative financing (for O&M).....	---	---	-5,068
Less alternative financing (for Construction).....	-43,884	-40,500	-40,500
Less alternative financing (for Program Dir.).....	-6,343	-8,056	-38,398
Less alternative financing (for PPW).....	-214,625	-289,072	-289,072
Offsetting collections (for program direction).....	-150,441	-150,392	-116,050
Offsetting collections (for O&M).....	-27,122	-23,922	-13,854
Offsetting collections (P.L. 108-477, P.L. 109-103).....	-367,009	-308,925	-209,000
Offsetting collections (P.L. 98-381).....	-8,265	-9,306	-9,306
Use of prior-year balances.....	-34,000	-34,853	-43,853
TOTAL, WESTERN AREA POWER ADMINISTRATION.....	95,581	93,372	93,372
FALCON AND AMISTAD OPERATING AND MAINTENANCE FUND			
Operation and maintenance.....	4,393	5,048	5,048
Offsetting collections.....	-3,838	-3,948	-3,948
Less alternative financing.....	-323	-872	-872
TOTAL, FALCON AND AMISTAD O&M FUND.....	232	228	228
TOTAL, POWER MARKETING ADMINISTRATIONS.....	106,870	105,000	105,000
FEDERAL ENERGY REGULATORY COMMISSION			
Federal Energy Regulatory Commission.....	346,800	367,600	367,600
FERC revenues.....	-346,800	-367,600	-367,600
General Provisions			
Title III Rescissions:			
Department of Energy:			
Energy Programs and PMAs.....	-81,063	---	---
Atomic Energy Defense Activities.....	-13,740	---	---
Fossil Energy Research and Development.....	-240,000	---	---
Uranium lease and take-back revolving fund.....	---	10,000	---
Uranium lease and take-back revolving fund initial capitalization.....	---	1,000	---
Northeast gasoline supply reserve sale.....	---	-70,000	---
Total, General Provisions.....	-334,803	-59,000	---
GRAND TOTAL, DEPARTMENT OF ENERGY.....	30,746,009	27,870,597	34,520,049
(Total amount appropriated).....	(31,181,773)	(28,215,964)	(34,569,049)
(Rescissions).....	(-435,764)	(-345,367)	(-49,000)

SUMMARY OF ACCOUNTS

Energy efficiency and renewable energy.....	2,090,200	636,149	2,321,778
Electricity delivery and energy reliability.....	230,000	120,000	248,329
Nuclear energy.....	1,016,616	703,000	1,205,056
Fossil Energy Research and Development.....	668,000	280,000	726,817
Naval Petroleum & Oil Shale Reserves.....	14,950	4,900	4,900
Strategic petroleum reserve.....	223,000	180,000	252,000



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SPR Petroleum Account.....	---	8,400	8,400
Energy security and infrastructure modernization fund.....	---	---	---
Northeast home heating oil reserve.....	6,500	6,500	6,500
Energy Information Administration.....	122,000	118,000	125,000
Non-Defense Environmental Cleanup.....	247,000	218,400	298,400
Uranium enrichment D&D fund.....	768,000	752,749	840,000
Science.....	5,392,000	4,472,516	6,259,903
Nuclear Waste Disposal.....	---	90,000	---
Advanced Research Projects Agency-Energy.....	306,000	-26,367	353,314
Title 17 Innovative technology loan guarantee program.....	7,000	-250,000	23,000
Advanced technology vehicles manufacturing loan pgm.....	5,000	2,000	5,000
Tribal Energy Loan Guarantee program.....	---	---	1,000
Departmental administration.....	143,000	145,652	189,652
Office of the Inspector General.....	44,424	49,000	49,000
<b>Atomic energy defense activities:</b>			
<b>National Nuclear Security Administration:</b>			
Weapons activities.....	9,245,567	10,239,344	10,642,138
Defense nuclear nonproliferation.....	1,882,872	1,793,310	1,999,219
Naval reactors.....	1,419,813	1,479,751	1,620,000
Federal Salaries and Expenses.....	390,000	418,595	407,595
Subtotal, National Nuclear Security Admin.....	12,938,252	13,931,000	14,668,952
Defense environmental cleanup.....	5,405,000	5,537,186	5,988,048
Defense uranium enrichment decontamination and decommissioning.....	563,000	---	---
Other defense activities.....	784,000	815,512	840,000
Defense nuclear waste disposal.....	---	30,000	---
Total, Atomic Energy Defense Activities.....	19,690,252	20,313,698	21,497,000
<b>Power marketing administrations (1):</b>			
Southeastern Power Administration.....	---	---	---
Southwestern Power Administration.....	11,057	11,400	11,400
Western Area Power Administration.....	95,581	93,372	93,372
Falcon and Amistad operating and maintenance fund...	232	228	228
Total, Power Marketing Administrations.....	106,870	105,000	105,000
<b>Federal Energy Regulatory Commission:</b>			
Salaries and expenses.....	346,800	367,600	367,600
Revenues.....	-346,800	-367,600	-367,600
General Provisions.....	-334,803	-59,000	---
Total Summary of Accounts, Department of Energy...	30,746,009	27,870,597	34,520,049

1/ Totals include alternative financing costs, reimbursable agreement funding, and power purchase and wheeling expenditures. Offsetting collection totals reflect funds collected for annual expenses, including power purchase and wheeling

## TITLE IV— INDEPENDENT AGENCIES

### APPALACHIAN REGIONAL COMMISSION

The agreement provides \$155,000,000 for the Appalachian Regional Commission (ARC). To diversify and enhance regional business development, \$10,000,000 is provided to continue the program of high-speed broadband deployment in distressed counties within the Central Appalachian region that have been most negatively impacted by the downturn in the coal industry. This funding shall be in addition to the 30 percent directed to distressed counties.

Within available funds, \$73,000,000 is provided for base funds and \$50,000,000 is for the POWER Initiative to support communities, primarily in Appalachia, that have been adversely impacted by the closure of coal-powered generating plants and a declining coal industry by providing resources for economic diversification, job creation, job training, and other employment services.

Within available funds, not less than \$16,000,000 is provided for a program of industrial site and workforce development in Southern and South Central Appalachia, focused primarily on the automotive supplier sector and the aviation sector. Up to \$13,500,000 of that amount is provided for activities in Southern Appalachia. The funds shall be distributed according to ARC's Distressed Counties Formula, which is comprised of land area, population estimates, and a proportion of the number of distressed counties.

In addition, the agreement provides \$6,000,000 for a program of basic infrastructure improvements in distressed counties in Central Appalachia. Funds shall be distributed according to ARC's Distressed Counties Formula and shall be in addition to the regular allocation to distressed counties.

### DEFENSE NUCLEAR FACILITIES SAFETY BOARD

#### SALARIES AND EXPENSES

The agreement provides \$31,000,000 for the Defense Nuclear Facilities Safety Board. The agreement includes funding above the request to support activities for employee engagement.

### DELTA REGIONAL AUTHORITY

#### SALARIES AND EXPENSES

The agreement provides \$25,000,000 for the Delta Regional Authority (DRA). Within available funds, the agreement provides not less than \$10,000,000 for flood control, basic public infrastructure development, and transportation improvements, which shall be allocated separate from the State formula funding method. The agreement does not include a statutory waiver with regard to DRA's priority of funding. The DRA is further directed to focus on activities relating to basic public infrastructure and transportation infrastructure before allocating funding toward other priority areas.

#### DENALI COMMISSION

The agreement provides \$30,000,000 for the Denali Commission, of which \$15,000,000 is for one-time assistance for adaptation responses for the most urgent needs of rural Alaska villages facing erosion, flooding, and permafrost degradation threats.

#### NORTHERN BORDER REGIONAL COMMISSION

The agreement provides \$15,000,000 for the Northern Border Regional Commission. Within available funds, not less than \$3,000,000 is provided for initiatives that seek to address the decline in forest-based economies throughout the region. The agreement includes legislative language regarding the management of the Northern Border Regional Commission in fiscal year 2018.

#### SOUTHEAST CRESCENT REGIONAL COMMISSION

The agreement provides \$250,000 for the Southeast Crescent Regional Commission.

#### NUCLEAR REGULATORY COMMISSION

##### SALARIES AND EXPENSES (INCLUDING RESCISSION OF FUNDS)

The Commission's mission is to ensure the safety and security of the nation's use of nuclear power and nuclear materials and protect the workers and public who use and benefit from these materials and facilities. The agreement provides \$909,137,000 for Nuclear Regulatory Commission (Commission) salaries and expenses. This amount is offset by estimated revenues of \$779,768,032, resulting in a net appropriation of \$129,300,892. The agreement rescinds \$68,076.04 provided to the Commission from the United States Agency for International Development in 1994 pursuant to section 632(a) of the Foreign Assistance Act of 1961, for which there is no currently authorized use. The agreement includes \$10,000,000 for activities related to the development of regulatory infrastructure for advanced nuclear reactor technologies and \$16,200,000 for international activities, which are not subject to the Commission's general fee recovery collection requirements. The agreement directs the use of \$15,000,000 in prior-year unobligated balances.

The agreement includes the following direction in lieu of all direction included in the House and Senate reports:

*Nuclear Reactor Safety.*—The agreement includes \$466,655,000 for Nuclear Reactor Safety. This control point includes the Commission's Operating Reactors and New Reactors business lines.

*Integrated University Program.*—The agreement includes \$15,000,000 for the Integrated University Program. Of this amount, \$5,000,000 is to be used for grants to support projects that do not

align with programmatic missions but are critical to maintaining the discipline of nuclear science and engineering.

*Nuclear Materials and Waste Safety.*—The agreement includes \$113,145,000 for Nuclear Materials and Waste Safety. Included within this control point are the Fuel Facilities, Nuclear Material Users, and Spent Fuel Storage and Transportation business lines.

*Decommissioning and Low-Level Waste.*—The agreement includes \$27,980,000 for Decommissioning and Low-Level Waste.

*Corporate Support.*—The agreement includes \$301,357,000 for Corporate Support. The agreement provides, within available funds, not more than \$9,500,000 for the salaries, travel, and other support costs for the Office of the Commission. These salaries and expenses shall include only salaries and benefit and travel costs, and are not to include general, administrative, or infrastructure costs. The use and expenditure of these funds shall be jointly managed through majority vote of the Commission. The Commission shall continue to include a breakout and explanation of the Commission salaries and expenses in its annual budget requests. If the Commission wishes to change the composition of the funds in future years, it must do so in an annual budget request or through a reprogramming.

*Budget Execution Plan.*—The Commission shall provide a specific budget execution plan to the Committees on Appropriations of both Houses of Congress not later than 30 days after the enactment of this Act. The plan shall include details at the product line level within each of the control points.

*Unobligated Balances from Prior Appropriations.*—The Commission carries unobligated balances from appropriations received prior to fiscal year 2017. The agreement requires the use of \$15,000,000 of these balances, derived from fee-based activities. The Commission is directed to apply these savings in a manner that continues to ensure the protection of public health and safety and maintains the effectiveness of the current inspection program. Because the Commission has already collected fees corresponding to these activities in prior years, the agreement does not include these funds within the fee base calculation for determining authorized revenues and does not provide authority to collect additional offsetting receipts for their use. Any remaining unobligated balances carried forward from prior years are subject to the reprogramming guidelines in section 402 of the Act, and shall only be used to supplement appropriations consistent with those guidelines.

*Rulemaking.*—The Commission shall submit a list of all rulemaking activities planned, to include their priority, schedule, and actions taken to adhere to the backfit rule, in the annual budget request and the semi-annual report to Congress on licensing and regulatory activities.

*Reporting Requirements.*—The agreement directs the Commission to submit the following reports:

1. not later than 120 days after the enactment of this Act, a report on the actions taken to improve the fidelity of agency estimates of necessary FTE levels and to optimize the structure of the agency over the next five years, including a review of the size, function, and number of program offices and regional offices; and

2. quarterly reports on licensing goals and right-sizing commitments, as described in the explanatory statement for P.L. 114–113.

*Modeling and Simulation Tools.*—The Commission is directed to report to the Committees on Appropriations of both Houses of Congress not later than 180 days after the enactment of this Act the Commission's potential uses of the Consortium for Advanced Simulation of Light Water Reactors' tools in its licensing process and safety reviews.

<i>(dollars in thousands)</i>	Final Bill
Nuclear Reactor Safety	466,655
Integrated University Program	15,000
Nuclear Materials And Waste Safety	113,145
Decommissioning And Low-Level Waste	27,980
Corporate Support	301,357
Use Of Prior-Year Balances	-15,000
<b>Total, Nuclear Regulatory Commission</b>	<b>909,137</b>

#### OFFICE OF INSPECTOR GENERAL

The agreement includes \$12,859,000 for the Office of Inspector General in the Nuclear Regulatory Commission. This amount is offset by revenues of \$10,555,000, for a net appropriation of \$2,304,000.

The agreement includes \$1,131,000 to provide inspector general services for the Defense Nuclear Facilities Safety Board.

#### NUCLEAR WASTE TECHNICAL REVIEW BOARD SALARIES AND EXPENSES

The agreement provides \$3,600,000 for the Nuclear Waste Technical Review Board.

#### GENERAL PROVISIONS—INDEPENDENT AGENCIES

The agreement includes a provision instructing the Nuclear Regulatory Commission on responding to congressional requests for information.

The agreement includes a provision relating to reprogramming.

## TITLE V—GENERAL PROVISIONS

The agreement includes a provision relating to lobbying restrictions.

The agreement includes a provision relating to transfer authority. No additional transfer authority is implied or conveyed by this provision. For the purposes of this provision, the term “transfer” shall mean the shifting of all or part of the budget authority in one account to another. In addition to transfers provided in this Act or other appropriations Acts, and existing authorities, such as the Economy Act (31 U.S.C. 1535), by which one part of the United States Government may provide goods or services to another part, the Act allows transfers using Section 4705 of the Atomic Energy Defense Act (50 U.S.C. 2745) and 15 U.S.C. 638 regarding SBIR/STTR.

The agreement includes a provision prohibiting funds to be used in contravention of the executive order entitled “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.”

The agreement includes a provision prohibiting the use of funds to establish or maintain a computer network unless such network blocks the viewing, downloading, and exchanging of pornography, except for law enforcement investigation, prosecution, or adjudication activities.

~~[INSERT TABLE]~~

Insert 57a - 57j

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
-----					
TITLE I - DEPARTMENT OF DEFENSE - CIVIL					
DEPARTMENT OF THE ARMY					
Corps of Engineers - Civil					
Investigations.....	121,000	86,000	123,000	+2,000	+37,000
Construction.....	1,876,000	1,020,000	2,085,000	+209,000	+1,065,000
Mississippi River and Tributaries.....	362,000	253,000	425,000	+63,000	+172,000
Operation and Maintenance.....	3,149,000	3,100,000	3,630,000	+481,000	+530,000
Regulatory Program.....	200,000	200,000	200,000	---	---
Formerly Utilized Sites Remedial Action Program (FUSRAP).....	112,000	118,000	139,000	+27,000	+21,000
Flood Control and Coastal Emergencies.....	32,000	35,000	35,000	+3,000	---
Expenses.....	181,000	185,000	185,000	+4,000	---
Office of Assistant Secretary of the Army (Civil Works).....	4,764	5,000	5,000	+236	---
	=====	=====	=====	=====	=====
Total, title I, Department of Defense - Civil... Appropriations.....	6,037,764 (6,037,764)	5,002,000 (5,002,000)	6,827,000 (6,827,000)	+789,236 (+789,236)	+1,825,000 (+1,825,000)



DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request	
-----						
TITLE II - DEPARTMENT OF THE INTERIOR						
Central Utah Project						
Central Utah Project Completion Account.....	10,500	8,983	10,500	---	+1,517	
Bureau of Reclamation						
Water and Related Resources.....	1,155,894	960,017	1,332,124	+176,230	+372,107	
Central Valley Project Restoration Fund.....	55,606	41,376	41,376	-14,230	---	
California Bay-Delta Restoration.....	36,000	37,000	37,000	+1,000	---	
Policy and Administration.....	59,000	59,000	59,000	---	---	
	-----		-----		-----	
Total, Bureau of Reclamation.....	1,306,500	1,097,393	1,469,500	+163,000	+372,107	
	=====		=====		=====	
Total, title II, Department of the Interior.....	1,317,000	1,106,376	1,480,000	+163,000	+373,624	
Appropriations.....	(1,317,000)	(1,106,376)	(1,480,000)	(+163,000)	(+373,624)	
TITLE III - DEPARTMENT OF ENERGY						
Energy Programs						
Energy Efficiency and Renewable Energy.....	2,090,200	636,149	2,321,778	+231,578	+1,685,629	
Electricity Delivery and Energy Reliability.....	230,000	120,000	248,329	+18,329	+128,329	

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Nuclear Energy.....	880,000	570,000	1,072,056	+192,056	+502,056
Defense function.....	136,616	133,000	133,000	-3,616	---
Subtotal.....	1,016,616	703,000	1,205,056	+188,440	+502,056
Fossil Energy Research and Development.....	618,000	280,000	726,817	+108,817	+446,817
Fossil proviso.....	50,000	---	---	-50,000	---
Subtotal.....	668,000	280,000	726,817	+58,817	+446,817
Naval Petroleum and Oil Shale Reserves.....	14,950	4,900	4,900	-10,050	---
Strategic Petroleum Reserve.....	223,000	180,000	252,000	+29,000	+72,000
Sale of crude oil.....	-340,000	---	-350,000	-10,000	-350,000
Use of sale proceeds.....	340,000	---	350,000	+10,000	+350,000
Subtotal.....	223,000	180,000	252,000	+29,000	+72,000
SPR petroleum account.....	---	8,400	8,400	+8,400	---
Subtotal.....	---	8,400	8,400	+8,400	---
Energy Security and Infrastructure Modernization Fund					
Sale of crude oil.....	---	-350,000	---	---	+350,000
Use of sale proceeds.....	---	350,000	---	---	-350,000
Northeast Home Heating Oil Reserve.....	6,500	6,500	6,500	---	---
Energy Information Administration.....	122,000	118,000	125,000	+3,000	+7,000
Non-defense Environmental Cleanup.....	247,000	218,400	298,400	+51,400	+80,000

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
<hr/>					
Uranium Enrichment Decontamination and Decommissioning Fund.....	768,000	752,749	840,000	+72,000	+87,251
Science.....	5,392,000	4,472,516	6,259,903	+867,903	+1,787,387
Nuclear Waste Disposal.....	---	90,000	---	---	-90,000
Advanced Research Projects Agency-Energy.....	306,000	20,000	353,314	+47,314	+333,314
Rescission.....	---	-46,367	---	---	+46,367
Subtotal.....	306,000	-26,367	353,314	+47,314	+379,681
Title 17 Innovative Technology Loan Guarantee Program.	37,000	2,000	33,000	-4,000	+31,000
Offsetting collection.....	-30,000	-2,000	-10,000	+20,000	-8,000
Rescission.....	---	-250,000	---	---	+250,000
Subtotal.....	7,000	-250,000	23,000	+16,000	+273,000
Advanced Technology Vehicles Manufacturing Loans program.....	5,000	2,000	5,000	---	+3,000
Tribal Energy Loan Guarantee Program.....	9,000	---	1,000	-8,000	+1,000
Rescission.....	-9,000	---	---	+9,000	---
Subtotal.....	---	---	1,000	+1,000	+1,000

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Departmental Administration.....	246,000	241,652	285,652	+39,652	+44,000
Miscellaneous revenues.....	-103,000	-96,000	-96,000	+7,000	---
Net appropriation.....	143,000	145,652	189,652	+46,652	+44,000
Office of the Inspector General.....	44,424	49,000	49,000	+4,576	---
Total, Energy programs.....	11,283,690	7,510,899	12,918,049	+1,634,359	+5,407,150
Atomic Energy Defense Activities					
National Nuclear Security Administration					
Weapons Activities.....	9,318,093	10,239,344	10,642,138	+1,324,045	+402,794
Rescission.....	-64,126	---	---	+64,126	---
Budget amendment rescission.....	-8,400	---	---	+8,400	---
Subtotal.....	9,245,567	10,239,344	10,642,138	+1,396,571	+402,794
Defense Nuclear Nonproliferation.....	1,902,000	1,842,310	2,048,219	+146,219	+205,909
Rescission.....	-19,128	-49,000	-49,000	-29,872	---
Subtotal.....	1,882,872	1,793,310	1,999,219	+116,347	+205,909
Naval Reactors.....	1,420,120	1,479,751	1,620,000	+199,880	+140,249
Rescission.....	-307	---	---	+307	---
Subtotal.....	1,419,813	1,479,751	1,620,000	+200,187	+140,249

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Federal Salaries and Expenses.....	390,000	418,595	407,595	+17,595	-11,000
Total, National Nuclear Security Administration.	12,938,252	13,931,000	14,668,952	+1,730,700	+737,952
Environmental and Other Defense Activities					
Defense Environmental Cleanup.....	5,405,000	5,537,186	5,988,048	+583,048	+450,862
Defense Uranium Enrichment Decontamination and Decommissioning.....	563,000	---	---	-563,000	---
Other Defense Activities.....	784,000	815,512	840,000	+56,000	+24,488
Defense nuclear waste disposal.....	---	30,000	---	---	-30,000
Total, Environmental and Other Defense Activities.	6,752,000	6,382,698	6,828,048	+76,048	+445,350
Total, Atomic Energy Defense Activities.....	19,690,252	20,313,698	21,497,000	+1,806,748	+1,183,302
Power Marketing Administrations /1					
Operation and maintenance, Southeastern Power Administration.....	1,000	6,379	6,379	+5,379	---
Offsetting collections.....	-1,000	-6,379	-6,379	-5,379	---
Subtotal.....	---	---	---	---	---
Operation and maintenance, Southwestern Power Administration.....	45,643	30,288	30,288	-15,355	---

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Offsetting collections.....	-34,586	-18,888	-18,888	+15,698	---
Subtotal.....	11,057	11,400	11,400	+343	---
Construction, Rehabilitation, Operation and Maintenance, Western Area Power Administration.....	273,144	267,686	223,276	-49,868	-44,410
Offsetting collections.....	-177,563	-174,314	-129,904	+47,659	+44,410
Subtotal.....	95,581	93,372	93,372	-2,209	---
Falcon and Amistad Operating and Maintenance Fund.....	4,070	4,176	4,176	+106	---
Offsetting collections.....	-3,838	-3,948	-3,948	-110	---
Subtotal.....	232	228	228	-4	---
Total, Power Marketing Administrations.....	106,870	105,000	105,000	-1,870	---
Federal Energy Regulatory Commission					
Salaries and expenses.....	346,800	367,600	367,600	+20,800	---
Revenues applied.....	-346,800	-367,600	-367,600	-20,800	---
General Provisions					
Title III Rescissions:					
Department of Energy:					
Energy Programs and PMAs.....	-81,063	---	---	+81,063	---
Atomic Energy Defense Activities (050).....	-13,740	---	---	+13,740	---

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018

(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Fossil Energy Research and Development.....	-240,000	---	---	+240,000	---
Uranium lease and take-back revolving fund.....	---	10,000	---	---	-10,000
Uranium lease and take-back revolving fund initial capitalization.....	---	1,000	---	---	-1,000
Northeast gasoline supply reserve sale.....	---	-70,000	---	---	+70,000
<b>Total, General Provisions.....</b>	<b>-334,803</b>	<b>-59,000</b>	<b>---</b>	<b>+334,803</b>	<b>+59,000</b>
<b>Total, title III, Department of Energy.....</b>	<b>30,746,009</b>	<b>27,870,597</b>	<b>34,520,049</b>	<b>+3,774,040</b>	<b>+6,649,452</b>
Appropriations.....	(31,181,773)	(28,215,964)	(34,569,049)	(+3,387,276)	(+6,353,085)
Rescissions.....	(-435,764)	(-345,367)	(-49,000)	(+386,764)	(+296,367)

TITLE IV - INDEPENDENT AGENCIES

Appalachian Regional Commission.....	152,000	26,660	155,000	+3,000	+128,340
Defense Nuclear Facilities Safety Board.....	30,872	30,600	31,000	+128	+400
Delta Regional Authority.....	25,000	2,500	25,000	---	+22,500
Denali Commission.....	15,000	7,300	30,000	+15,000	+22,700
Northern Border Regional Commission.....	10,000	850	15,000	+5,000	+14,150
Southeast Crescent Regional Commission.....	250	---	250	---	+250

DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
<b>Nuclear Regulatory Commission:</b>					
Salaries and expenses.....	905,000	939,137	909,137	+4,137	-30,000
Revenues.....	-794,580	-803,409	-779,768	+14,812	+23,641
(Rescission).....	---	---	-68	-68	-68
Subtotal.....	110,420	135,728	129,301	+18,881	-6,427
<b>Office of Inspector General.....</b>					
Revenues.....	12,129	12,859	12,859	+730	---
Subtotal.....	-10,044	-10,555	-10,555	-511	---
Subtotal.....	2,085	2,304	2,304	+219	---
<b>Total, Nuclear Regulatory Commission.....</b>					
Appropriations.....	112,505	138,032	131,605	+19,100	-6,427
Rescissions.....	(112,505)	(138,032)	(131,673)	(+19,168)	(-6,359)
	---	---	(-68)	(-68)	(-68)
<b>Nuclear Waste Technical Review Board.....</b>					
	3,600	3,600	3,600	---	---
<b>Total, title IV, Independent agencies.....</b>					
Appropriations.....	349,227	209,542	391,455	+42,228	+181,913
Rescissions.....	(349,227)	(209,542)	(391,523)	(+42,296)	(+181,981)
	---	---	(-68)	(-68)	(-68)



DIVISION D, ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2018  
(Amounts in thousands)

	FY 2017 Enacted	FY 2018 Request	Final Bill	Final Bill vs FY 2017	Final Bill vs Request
Grand total.....	38,450,000	34,188,515	43,218,504	+4,768,504	+9,029,989
Appropriations.....	(38,885,764)	(34,533,882)	(43,267,572)	(+4,381,808)	(+8,733,690)
Rescissions.....	(-435,764)	(-345,367)	(-49,068)	(+386,696)	(+296,299)
	=====	=====	=====	=====	=====

1/ Totals adjusted to net out alternative financing costs, reimbursable agreement funding, and power purchase and wheeling expenditures. Offsetting collection totals only reflect funds collected for annual expenses, excluding power purchase wheeling